

HARDWARE & MILL SUPPLY  
CATALOGUE No. 135

# HELLER

## FILES TOOLS



### HELLER BROTHERS COMPANY

NEWARK, NEW JERSEY • NEWCOMERSTOWN, OHIO









## JOBBER'S DISCOUNT SHEET

September 22, 1948

THIS DISCOUNT SHEET MAKES ALL PREVIOUS ISSUES VOID  
AND IS SUBJECT TO CHANGE WITHOUT NOTICE

### Jobber's Discount

**NUCUT BRAND FILES—Wood and Cabinet Rasps... (American Pattern)	20-20-10%
**HELLER BRAND FILES—Wood and Cabinet Rasps... (American Pattern)	20-20-10%
**REX BRAND FILES—Wood and Cabinet Rasps... (American Pattern)	30-20-10%
**JOHNSON BRAND FILES—Wood & Cabinet Rasps... (American Pattern)	30-20-10%
**BLACK KING BRAND FILES—Wood & Cab. Rasps... (American Pattern)	30-20-10%
*SWISS PATTERN FILES	30-20-10%
*"VIXEN" MILLED CURVED TOOTH FILES	12½-20-10%
*VIXEN WIZCUT MILLED CURVED TOOTH FILES	12½-20-10%
HORSE RASPS, Heller Brand and Stokes Brand	50-20-10%
SHOE RASPS, Heller Brand and St. Crispin's Brand	50-20-10%

TERMS: 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

\*\*FREIGHT ALLOWANCE—AMERICAN PATTERN FILES AND RASPS: On all shipments of American Pattern Files and Rasps our terms will be: Goods boxed and delivered F. O. B. shipping point, with freight allowance at lowest transportation rate to destination on shipments of 150 pounds or over. No allowance of any kind will be made on shipments weighing less than 150 pounds.

\*FREIGHT ALLOWANCE—SWISS PATTERN FILES—"VIXEN" MILLED CURVED TOOTH FILES and TUNGSTEN POINT FILES: On all shipments of Swiss Pattern and "Vixen" Milled Curved Tooth Files, our terms will be F.O.B. shipping point with freight allowed at not to exceed the lowest transportation rate to destination on shipments weighing 75 pounds or more. No allowances of any kind will be made on shipments weighing less than 75 pounds, or on shipments forwarded by Express or Parcel Post.

SPECIAL NOTE: Full freight on consolidated shipments including several classes, will only be allowed when said shipments include weights of each class up to the minimums mentioned above, otherwise no allowance will be made on a class falling below its respective minimum shipping weight.

BROKEN PACKAGE CHARGE: A charge of 10% of the net invoice price will be made on any item which is ordered in less than standard package quantities.

CONDITIONS: Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

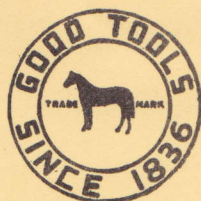
Printed in U. S. A.

Form No. 135-D









## DISCOUNT SHEET

September 22, 1948

THIS DISCOUNT SHEET MAKES ALL PREVIOUS ISSUES VOID  
AND IS SUBJECT TO CHANGE WITHOUT NOTICE

### Discount

NUCUT BRAND FILES—Wood and Cabinet Rasps.....	(American Pattern).....	20%
HELLER BRAND FILES—Wood and Cabinet Rasps.....	(American Pattern).....	20%
REX BRAND FILES—Wood and Cabinet Rasps.....	(American Pattern).....	30%
JOHNSON BRAND FILES—Wood and Cabinet Rasps.....	(American Pattern).....	30%
BLACK KING BRAND FILES—Wood and Cabinet Rasps.....	(American Pattern).....	30%
SWISS PATTERN FILES.....		30%
"VIXEN" MILLED CURVED TOOTH FILES.....		12½%
"VIXEN WIZCUT" MILLED CURVED TOOTH FILES.....		12½%
HORSE RASPS, Heller Brand and Stokes Brand.....		50%
SHOE RASPS, Heller Brand and St. Crispin's Brand.....		50%

TERMS: 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

CONDITIONS: Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

*"Good Tools Since 1836"*

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 129-D









# HELLER

## BROTHERS COMPANY

### MULTI-KUT FILE

## THE MULTI-KUT FILE

CHIP-BREAKER REDUCES LOADING

The MULTI-KUT File is used as a general purpose file when there is a need of multiple or various degrees of filing, dispensing with the use of two or more files on certain jobs by using one Multi-Kut.

The MULTI-KUT File can be used for light or heavy work by varying the pressure—excellent on cast iron or low chrome stainless steel, die-cast aluminum, brass, bronze, magnesium—ferrous or non-ferrous metals as well as plastics. It is an outstanding file with a multiple style of cuts for a multitude of jobs. It does not, however, supplant special purpose or regular files intended for a specific filing purpose.

In its construction, teeth are cut on standard flat blanks, single cut at 30° angle with superficial chip-breaking grooves milled at a 75° angle from lower left to upper right, and, therefore, especially suited for right-handed filers.

Made in Sizes:	8", (13/16" x 7/32")	10", (1" x 1/4")	12", (13/16" x 17/64")	14", (13/8" x 19/64")
List Price per Doz.	\$5.90	\$7.80	\$10.70	\$14.50



"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 197









LIST ADOPTED  
APRIL 2, 1923  
REVISED  
DECEMBER 6, 1948

# HELLER BROTHERS COMPANY

NEWARK 4, NEW JERSEY

This PRICE LIST applies to following BRANDS:

GRADE "A":—NUCUT, HELLER, SUPER DUTY.

GRADE "B":—JOHNSON, BLACK KING, REX, BLUE STAR.

AMERICAN  
PATTERN **FILES**

## Domestic list prices per dozen of Files and Rasps

### SAW FILES

INCH	MILL			MILL 1 R. E. Bastard	MILL 2 R. E. Bastard	MILL BLUNT Bastard	CROSS CUT	SPE- CIAL CROSS CUT	PIT- SAW	INCH	INCH	TAPER	SLIM TAPER	EXTRA SLIM TAPER	DBL. EXTRA SLIM TAPER	HANDSAW BLUNT		HANDSAW BLUNT		DBL. END- ER	CANT- SAW	INCH	
	Bastard	2nd Cut	Smooth													Reg.	Slm	Slm	Extra Slm				
4	3.00									4	4		2.20	2.20	2.20								4
6	3.50	4.00	4.50	3.90	4.40	3.90		3.90	6.10	6	4 1/2		2.30	2.30	2.30								4 1/2
7	3.90					4.30		4.30		7	5		2.50	2.50	2.50								5
8	4.30	4.90	5.40	4.80	5.40	4.90	7.50	4.90	7.50	8	5 1/2			2.90					3.80				5 1/2
10	5.60	6.40	7.00	6.30	7.00	6.70	9.10	6.70		10	6	3.40	3.10	3.10	3.10	4.70	3.90	3.80	4.50	3.50	5.40		6
12	7.50	8.60	9.40	8.40						12	7	4.30	3.80	3.80	3.80				5.40	3.50			7
14	10.70	12.20	13.10							14	8	5.40	4.50	4.50	4.50	6.70	5.30			3.90	6.40		8
16	14.70									16	9									4.40			9
											10	8.10	6.40							4.90	8.70		10

### MACHINIST'S FILES

INCH	FLAT			HAND			HALF ROUND			NCH	SQUARE			SQUARE BLUNT Bastard	ROUND			THREE SQUARE			INCH
	Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth		Bastard	2nd Cut	Smooth		Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth	
4	3.70	4.30	4.70				4.80	5.60	6.10	4	3.80	4.60	4.90		3.00	3.50	3.90				4
6	4.30	4.80	5.30	4.30	5.10	5.60	6.10	6.70	7.10	6	4.60	5.10	5.50		3.50	4.00	4.50	6.10	6.70	7.10	6
7										7					3.90						7
8	5.30	6.10	6.60	5.40	6.30	6.70	7.50	8.30	8.90	8	5.50	6.30	7.00	7.40	4.30	4.90	5.40	7.50	8.30	8.90	8
10	7.00	8.10	8.70	7.50	8.70	9.40	9.10	10.10	10.70	10	7.40	8.50	9.10	10.20	5.60	6.40	7.00	9.10	10.10	10.70	10
12	9.70	11.00	12.10	10.70	12.30	13.50	11.80	13.00	13.90	12	10.20	11.50	12.80	13.90	7.50	8.60	9.40	11.80	13.00	13.90	12
14	13.30	15.30	16.70	15.00	17.00	18.20	15.50	17.00	18.30	14	13.90	16.10	17.50	18.70	10.70	12.20	13.10				14
16	17.80	20.10	22.30	20.10			20.60	22.50	24.20	16	18.70				14.70						16
18	23.90									18	25.10										18

### MACHINIST'S FILES

INCH	PILLAR			WARDING			KNIFE			INCH
	Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth	
4				4.00	4.80	5.40	5.40	6.10	6.40	4
6	4.30	5.10	5.60	4.90	5.90	6.40	6.90	7.50	7.90	6
8	5.40	6.30	6.70	6.40	7.50	8.20	8.50	9.10	9.50	8
10	7.50	8.70	9.40	8.70	10.10	11.00	10.10	11.50	12.30	10
12	10.70									12
14										14
16										16

### SPECIAL PURPOSE FILES

INCH	LEAD FLOAT		FLAT LONG ANGLE LATHE	HAND FINISH- ING Smooth	FOUNDRY		ALUMINUM		BRASS		INCH
	Flat	Hil. Rd.			Flat	Hil. Rd.	Flat	Hil. Rd.	Flat	Hil. Rd.	
4											4
6							5.30	10.50			6
8	6.30	8.50			5.30	7.50	7.00	12.00	7.00	12.00	8
10	8.60	10.70	8.60		7.00	9.10	8.50	13.50	8.50	13.50	10
12	11.80	14.10	11.80	16.20	9.70	11.80	11.00	16.00	11.00	16.00	12
14			16.00	21.70	13.30	15.50	14.50	20.00			14
16											16

Made in GRADE A Brands only.

### HORSE RASPS

INCH	HORSE RASPS PLAIN Half File		HORSE RASPS TANGED		INCH
	Regular	Slm	Regular	Thin	
					6
					8
					9
					10
12	12.80		16.80		12
14	17.80		23.10	21.90	14
16	24.40		32.20		16
18		25.90			18
20		32.90			20

### WOOD AND SHOE RASPS











INCH	CABINET RASPS		HALF ROUND WOOD RASPS		FLAT WOOD RASPS		SHOE RASPS	INCH
	2nd Cut	Smooth	Bastard	Smooth	Bastard	Smooth		
								6
								8
								9
								10
12	10.10	11.70	8.10	10.10			10.10	12
14	12.80	15.50	10.10	13.70	9.40	12.80	12.20	14
16	17.50	20.70	13.70	18.70	12.80	17.50	13.70	16
18	22.80	26.80	18.70	24.80	17.50	23.20		18
20	29.60	33.90	24.80	32.90	23.20	30.80		20
								16
								18
								20

When ordering "NU-  
CUT" Brand Mill or Saw  
files, kindly specify  
whether WAVY TEETH  
or SINGLE CUT files  
are desired.











# TABLE

Giving the approximate width and thickness in fractions of an inch of the cross-sections of American Pattern Files and Rasps in general use. The size of the cross-sections determine the file desired in your particular work. The length of the file is given along the edge of the table. List prices will be found on the opposite side of this sheet.

Lgth																			Lgth
Inches	Diam.	Diam.	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Inches
4	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{7}{16}$	$\frac{5}{64}$	$\frac{7}{16}$	$\frac{7}{64}$					$\frac{7}{16}$	$\frac{1}{8}$							4
6	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{1}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$\frac{5}{8}$	$\frac{5}{32}$	$\frac{7}{16}$	$\frac{7}{32}$	$\frac{5}{8}$	$\frac{5}{32}$	$\frac{5}{8}$	$\frac{15}{64}$					6
7	$\frac{17}{64}$		$\frac{45}{64}$	$\frac{1}{8}$															7
8	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{13}{16}$	$\frac{5}{32}$	$\frac{13}{16}$	$\frac{7}{32}$	$\frac{13}{16}$	$\frac{7}{32}$	$\frac{9}{16}$	$\frac{9}{32}$	$\frac{3}{4}$	$\frac{7}{32}$	$\frac{13}{16}$	$\frac{5}{16}$					8
10	$\frac{3}{8}$	$\frac{3}{8}$	1	$\frac{3}{16}$	1	$\frac{1}{4}$	1	$\frac{1}{4}$	$\frac{11}{16}$	$\frac{11}{32}$	$\frac{15}{16}$	$\frac{9}{32}$	1	$\frac{13}{32}$					10
12	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{13}{16}$	$\frac{7}{32}$	$\frac{13}{16}$	$\frac{17}{64}$	$\frac{13}{16}$	$\frac{17}{64}$	$\frac{13}{16}$	$\frac{13}{32}$	$\frac{11}{8}$	$\frac{11}{32}$	$\frac{13}{16}$	$\frac{15}{32}$	$\frac{19}{32}$	$\frac{11}{32}$	$\frac{117}{32}$	$\frac{3}{8}$	12
14	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{13}{8}$	$\frac{1}{4}$	$\frac{13}{8}$	$\frac{19}{64}$	$\frac{13}{8}$	$\frac{19}{64}$			$\frac{15}{16}$	$\frac{13}{32}$	$\frac{13}{8}$	$\frac{17}{32}$	$\frac{117}{32}$	$\frac{3}{8}$	$\frac{123}{32}$	$\frac{7}{16}$	14
16	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{117}{32}$	$\frac{9}{32}$	$\frac{117}{32}$	$\frac{11}{32}$	$\frac{117}{32}$	$\frac{11}{32}$			$\frac{11}{2}$	$\frac{29}{64}$	$\frac{19}{16}$	$\frac{37}{64}$	$\frac{123}{32}$	$\frac{7}{16}$	$\frac{17}{8}$	$\frac{15}{32}$	16
18	$\frac{7}{8}$	$\frac{7}{8}$			$\frac{123}{32}$	$\frac{23}{64}$													18

Lgth																					Lgth
Inches	Regular Tapers	Slim Tapers	Extra Slim	Double Extra Slim	Three Square	Double End	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Wide	Thick	Inches
4		$\frac{1}{4}$	$\frac{3}{16}$	$\frac{5}{32}$									$\frac{15}{32}$	$\frac{7}{64}$	$\frac{7}{16}$	$\frac{1}{16}$					4
4 1/2		$\frac{5}{16}$	$\frac{13}{64}$	$\frac{11}{64}$																	4 1/2
5		$\frac{5}{16}$	$\frac{7}{32}$	$\frac{3}{16}$																	5
5 1/2			$\frac{1}{4}$																		5 1/2
6	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{9}{32}$	$\frac{7}{32}$	$\frac{1}{2}$	$\frac{3}{16}$	$\frac{17}{32}$	$\frac{13}{64}$	$\frac{7}{16}$	$\frac{7}{32}$			$\frac{11}{16}$	$\frac{5}{32}$	$\frac{5}{8}$	$\frac{5}{64}$	$\frac{23}{32}$	$\frac{3}{16}$			6
7	$\frac{9}{16}$	$\frac{13}{32}$	$\frac{11}{32}$	$\frac{1}{4}$		$\frac{7}{32}$	$\frac{11}{16}$	$\frac{17}{64}$	$\frac{9}{16}$	$\frac{9}{32}$	$\frac{11}{16}$	$\frac{9}{32}$	$\frac{7}{8}$	$\frac{3}{16}$	$\frac{25}{32}$	$\frac{3}{32}$	$\frac{15}{16}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{7}{32}$	7
8	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{13}{32}$	$\frac{5}{16}$	$\frac{5}{8}$	$\frac{9}{32}$	$\frac{11}{16}$	$\frac{17}{64}$	$\frac{9}{16}$	$\frac{9}{32}$	$\frac{11}{16}$	$\frac{9}{32}$	$\frac{7}{8}$	$\frac{3}{16}$	$\frac{25}{32}$	$\frac{3}{32}$	$\frac{15}{16}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{7}{32}$	8
9						$\frac{11}{32}$													$\frac{31}{32}$	$\frac{1}{4}$	9
10	$\frac{3}{4}$	$\frac{5}{8}$			$\frac{3}{4}$	$\frac{3}{8}$	$\frac{13}{16}$	$\frac{5}{16}$			$\frac{13}{16}$	$\frac{23}{64}$	$\frac{11}{16}$	$\frac{1}{4}$	$\frac{15}{16}$	$\frac{1}{8}$	$\frac{11}{8}$	$\frac{9}{32}$	$\frac{11}{16}$	$\frac{9}{32}$	10
12					$\frac{27}{32}$												$\frac{15}{16}$	$\frac{11}{32}$			12
14																	$\frac{19}{16}$	$\frac{13}{32}$			14

 In ordering be sure to give LENGTH, SHAPE and CUT of the file wanted.

STANDARD PACKAGE:—Sizes 10" and smaller, 1 dozen in carton.  
 Sizes 12" and larger, 1/2 dozen in carton.

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomertown, Ohio





# HELLER

## BROTHERS COMPANY

# SWISS PATTERN FILES

PRICE LIST PER DOZEN REVISED NOVEMBER 20, 1947

HAND						PILLAR						PILLAR NARROW						PILLAR EXTRA NARROW						SQUARE					
Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6
3	6.50	6.80	7.50	7.50		3	5.30	5.40	6.00	6.00		3	5.30	5.40	6.00	6.00	7.50	3	5.30	5.40	6.00	6.00	7.50	3	6.00	6.10	6.30	6.30	
4	6.50	6.80	7.50	7.50		4	5.30	5.40	6.00	6.00	7.50	4	5.30	5.40	6.00	6.00	7.50	4	5.30	5.40	6.00	6.00	7.50	4	6.70	7.00	7.70	7.70	
6	8.60	9.50	11.00	11.00	13.30	6	6.00	6.50	7.50	7.50		6	6.00	6.50	7.50	7.50	9.30	6	6.00	6.50	7.50	7.50	9.30	6	8.80	9.50	10.90	10.90	
8	12.30	13.50	15.10	15.10	17.30	8	8.40	9.10	10.50	10.50		8	8.40	9.10	10.50	10.50		8	8.40	9.10	10.50	10.50		8	10.50	11.90	14.70	14.70	
10	16.30	18.20	20.10	20.10		10	11.60	12.30		14.70		10	11.60	12.30		14.70		10	11.60	12.30		14.70		10	13.00	15.80		18.90	
12	21.50	24.20		27.00		12	15.80	17.20		19.60		12	15.80	17.20		19.60		12	15.80	17.20		19.60		12	15.40	19.60		24.50	
ROUND						HALF ROUND						CROSSING						KNIFE						BARRETTE					
Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6	Inch 00-0	1	2	3	4		Inch 00-0	1-2	3	4	5	6
3	4.90	5.30	5.70	5.70	6.30	3	7.90	8.80	10.30	10.30		3	10.20	10.90	12.50	12.50	15.20	3	7.50		8.30		9.00	3	8.80	8.90		9.30	
4	5.50	5.90	6.30	6.30	7.00	4	8.90	10.50	12.10	12.10		4	10.90	12.10	14.10	14.10	17.60	4	8.30	9.40	9.40	10.50	10.50	4	9.60	9.80		10.20	
5	6.00	6.50	7.00	7.00	7.70	5	10.30	12.30	14.20	14.20		5	14.80	16.80	19.10	19.10	23.40	5	9.00		10.50		12.40	5	11.60	12.30		13.30	
6	7.00	7.70	8.40	8.40	9.10	6	11.90	14.00	16.10	16.10	20.30	6	22.10	24.20	27.00	27.00		6	11.30	14.60	14.60	15.00	15.00	6	10.50	11.90		14.70	
8	10.20	10.90	11.60	11.60		8	17.50	19.80	22.20	22.20		8	29.30	32.00	37.10	37.10		8	16.10	18.40	18.40	21.40	21.40	8	15.10	16.10		17.50	
10	13.70	15.10		16.80		10	23.30	25.60	29.40	29.40		10																	
12	17.50	19.80		24.00		12	30.10	32.20		36.60		12																	
EQUALLING						WARDING						THREE SQUARE						METAL SAW						CROCHET					
Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6	Inch 00-0	1-2	3	4	5	6	Inch 0	1	2	3	4		Inch 00-0	1-2	3	4	5	6
3	5.60	6.10		6.80		3	4.90	5.30		5.80		3	6.80	7.40	7.90	7.90		3	6.80		7.40		7.90	3	7.90	8.40		9.50	
4	6.30	7.00		7.70		4	5.60	6.30		7.20		4	6.80	7.40	7.90	7.90		4	6.80		7.40		7.90	4	8.80	9.50		10.50	
5	7.00	7.70		8.40		5	6.50	7.20		8.10		5	7.50	8.20		9.10		5	7.50		8.20		9.10	5	11.90	13.00		14.40	
6	7.70	8.60		9.80		6	8.10	9.30		10.70		6	8.40	9.10	10.30	10.30		6	8.40		9.10		10.30	6	16.80	18.20		19.60	
8	10.50	11.60		13.30		8	10.90	12.10		14.20		8	10.90	11.90	13.30	13.30		8	10.90		11.90		13.30	8	22.40	24.20		25.90	
10						10	14.40	16.60		20.10		10	14.70	15.90		18.20		10						10					
ROUND STRAIGHT						PILLAR TESTING						SLITTING						PIPPIN						JOINT RD. EDGE					
Inch 00-0	2	4	5	6		Inch 0	1	4	5	6		Inch 00-0	2	4	5	6		Inch 00-0	1-2	4	5	6		Inch 0-2	0-2	5	6		
4	5.50	5.90	6.30									4	9.80	11.60				4	11.00	11.80				4	6.00		5.60		
5	6.10	6.80	7.50									5						5						5					
6	7.40	8.40	9.50			6	7.40	8.10				6	15.40	17.50				6	15.00	16.30				6	9.10		8.80		
8	11.70	13.00	14.40			8	10.20	10.90				8						8	20.30	21.50				8					

### ROUND HANDLE NEEDLE FILES IN CUTS 0-2-4-6

Inch	Round	Half Round	Flat	Oval	Knife	Square	Thr. Sqr.	Equalling	Barrette	Joint	Slitting	Marking	Assorted
4	5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10	5.10
5 1/2	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
6 1/2	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10	7.10

### SQUARE HANDLE NEEDLE OR ESCAPEMENT FILES IN CUTS 0-2-4-6

Inch	Round	Half Round	Flat	Oval	Knife	Square	Thr. Sqr.	Equalling	Barrette	Joint	Slitting	Hf. Rd. Blt.	Assorted
5 1/2	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70

### DIE SINKERS FILES CUTS 0-1-2

Inch	Round	Half Round	Flat	Oval	Knife	Square	Thr. Sqr.	(Flat 1 RE)	(Flat 1 SE)	(Oval 1 SE)	Lozenge	Auriform	Assorted
3 1/2	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60

### PARALLEL MACHINE FILES CUTS 00-0-2

Inch	Round	Half Round	Pillar	Oval	Knife	Square	Thr. Sqr.	Crochet	Equalling	Pippin	Lozenge	Cant	Assorted
5	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20

### BENCH FILING MACHINE FILES CUTS 00-0-2

Inch	Round	Half Round	Pillar	Oval	Knife	Square	Thr. Sqr.	Crochet	Equalling	Pippin	Lozenge	Cant	Assorted
3 1/4 x 1/8	7.90	7.90	7.90	7.90	7.90	7.90	7.90	7.90	7.90	7.90	7.90	7.90	7.90
3 1/4 x 1/4	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80	8.80

Screw Head File with or without Tang. Made in 3", 00 cut only..... 9.40

Broach, Gauge 40 to 65, Made in 3", 0 cut only..... 3.90

6" Corrugating Shear Files, straight rowing on hand blanks, Two Safe Edges. 0, 2 and 4 cuts. Take regular hand list.

Price Per Doz..... 6 1/2" \$14.00  
Set of 18 assorted..... 6 1/2" 21.00

Silversmiths Riffers 12 shapes, length 7" cuts 0-2, each shape or assorted \$18.90 per dozen



# HELLER PARALLEL MACHINE FILES — 8" OVERALL LENGTH

MADE IN CUTS No. 00, No. 0 and No. 2

PRICE LIST PER DOZEN — REVISED NOVEMBER 20, 1947

ROUND.....	3/16" Wide .....	\$ 8.80 per doz.	3/8" Wide .....	\$10.50 per doz.
	1/4" Wide .....	9.10 per doz.	1/2" Wide .....	12.60 per doz.
	5/16" Wide .....	9.60 per doz.	5/8" Wide .....	13.80 per doz.
HALF ROUND.....	3/16" Wide x 3/32" Thick....	12.80 per doz.	1/2" Wide x 1/4" Thick.....	14.90 per doz.
	1/4" Wide x 1/8" Thick....	13.30 per doz.	5/8" Wide x 5/16" Thick.....	16.60 per doz.
	3/8" Wide x 3/16" Thick....	13.70 per doz.	3/4" Wide x 3/8" Thick.....	16.60 per doz.
PILLAR..... (one safe edge)	3/16" Wide x 3/32" Thick....	9.60 per doz.	1/2" Wide x 1/4" Thick.....	11.40 per doz.
	1/4" Wide x 1/8" Thick....	10.00 per doz.	5/8" Wide x 5/16" Thick.....	12.60 per doz.
	3/8" Wide x 3/16" Thick....	10.70 per doz.	3/4" Wide x 3/8" Thick.....	13.80 per doz.
THREE SQUARE.....	3/16" Wide .....	12.30 per doz.	1/2" Wide .....	14.70 per doz.
	1/4" Wide .....	12.60 per doz.	5/8" Wide .....	15.60 per doz.
	3/8" Wide .....	14.00 per doz.		
CROCHET.....	3/16" Wide x 3/32" Thick....	14.70 per doz.	1/2" Wide x 3/16" Thick.....	16.10 per doz.
	1/4" Wide x 1/8" Thick....	14.70 per doz.	5/8" Wide x 7/32" Thick.....	17.50 per doz.
	3/8" Wide x 3/16" Thick....	15.10 per doz.		
SQUARE.....	3/16" Wide .....	12.30 per doz.	1/2" Wide .....	14.70 per doz.
	1/4" Wide .....	12.60 per doz.	5/8" Wide .....	16.50 per doz.
	3/8" Wide .....	13.10 per doz.		
OVAL.....	11/32" Wide x 3/16" Thick.....			\$16.30 per dozen
KNIFE.....	15/32" Wide x 1/8" Thick.....			14.70 per dozen
PIPPIN.....	19/64" Wide x 5/32" Thick.....			16.30 per dozen
LOZENGE.....	11/32" Wide x 7/32" Thick.....			17.90 per dozen
CANT.....	11/32" Wide x 5/32" Thick.....			15.40 per dozen
WARDING (or Equalling).....	3/8" Wide x 5/64" Thick.....			\$10.50 per dozen

## SMALL FILE ASSORTMENT — \$13.10 per set of twelve Cuts. No. 00, No. 0 or No. 2

This assortment consists of 12 files of which the Oval, Pippin, Knife, Lozenge, Cant and Equalling are made in the widths listed above and the Half Round, Round, Square, Three Square, Pillar, and Crochet in widths of 3/16". (Specify cut.)

## LARGE FILE ASSORTMENT — \$13.80 per set of twelve Cuts. No. 00, No. 0 or No. 2

This assortment consists of 12 files of which the Oval, Pippin, Knife, Lozenge, Cant and Equalling are made in the widths listed above and the Half Round, Round, Square, Three Square, Pillar, and Crochet in widths of 3/8". (Specify cut.)

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

FORM No. 13A-S

PRINTED IN U. S. A.





# HELLER

## BROTHERS COMPANY

# SWISS PATTERN FILES

LIST OF FEBRUARY 1, 1930

REVISED NOVEMBER 20, 1947

Hand Files are tapered in thickness on the ends, but are parallel in width. The two flat sides are double cut and the files have one safe (uncut) edge. The other edge has teeth.

Hand No. 00



Made in sizes: 3" 4" 6" 8" 10" 12"  
Approximate size of finished files:  $\frac{7}{16}" \times \frac{3}{32}"$   $\frac{17}{32}" \times \frac{1}{8}"$   $\frac{3}{4}" \times \frac{5}{32}"$   $\frac{29}{32}" \times \frac{3}{16}"$   $\frac{13}{32}" \times \frac{7}{32}"$   $\frac{11}{4}" \times \frac{9}{32}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3, No. 4 and No. 6.

Pillar Files are similar in shape to Hand Files, but are narrower. The two flat sides are double cut and both edges are left safe (uncut).

Pillar No. 00



Made in sizes: 3" 4" 6" 8" 10" 12"  
Approximate size of finished files:  $\frac{19}{64}" \times \frac{3}{32}"$   $\frac{23}{64}" \times \frac{7}{64}"$   $\frac{31}{64}" \times \frac{5}{32}"$   $\frac{39}{64}" \times \frac{7}{32}"$   $\frac{47}{64}" \times \frac{15}{64}"$   $\frac{53}{64}" \times \frac{17}{64}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3, No. 4 and No. 6.

Narrow Pillar Files are the same shape as Pillar Files, but are narrower for the same length. The two flat sides are double cut, the edges being left safe (uncut).

Narrow Pillar No. 00



Made in sizes: 3" 4" 6" 8" 10" 12"  
Approximate size of finished files:  $\frac{7}{32}" \times \frac{5}{64}"$   $\frac{17}{64}" \times \frac{7}{64}"$   $\frac{23}{64}" \times \frac{5}{32}"$   $\frac{15}{32}" \times \frac{3}{16}"$   $\frac{9}{16}" \times \frac{1}{4}"$   $\frac{41}{64}" \times \frac{5}{16}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3, No. 4 and No. 6.

Extra Narrow Pillar Files are the same shape as Pillar Files, but are narrower than the Narrow Pillar Files for the same length. The two flat sides are double cut, the edges being left safe (uncut).

Extra Narrow Pillar No. 00



Made in sizes: 3" 4" 6" 8" 10" 12"  
Approximate size of finished files:  $\frac{9}{64}" \times \frac{3}{32}"$   $\frac{31}{64}" \times \frac{7}{64}"$   $\frac{1}{4}" \times \frac{5}{32}"$   $\frac{5}{16}" \times \frac{3}{16}"$   $\frac{3}{8}" \times \frac{7}{32}"$   $\frac{7}{16}" \times \frac{1}{4}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3, No. 4 and No. 6.

Half Round Files taper in width and thickness to the point. The flat and half round sides of the file are double cut.

Half Round No. 00



Made in sizes: 3" 4" 5" 6" 8"  
Approximate size of finished files:  $\frac{15}{64}" \times \frac{3}{32}"$   $\frac{11}{32}" \times \frac{1}{8}"$   $\frac{7}{16}" \times \frac{1}{4}"$   
Made in sizes: 6" 8" 10" 12"  
Approximate size of finished files:  $\frac{17}{32}" \times \frac{9}{64}"$   $\frac{23}{32}" \times \frac{13}{64}"$   $\frac{29}{32}" \times \frac{1}{4}"$   $\frac{17}{64}" \times \frac{17}{64}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3, No. 4 and No. 6.

Knife Files are shaped somewhat similar to knife blades. They are tapered in width and thickness to the point. These Files are Double Cut on Flat sides and are single cut on edges.

Knife No. 00



Made in sizes: 3" 4" 5" 6" 8"  
Approximate size of finished files:  $\frac{3}{8}" \times \frac{5}{64}"$   $\frac{15}{32}" \times \frac{7}{64}"$   $\frac{9}{16}" \times \frac{9}{64}"$   $\frac{11}{16}" \times \frac{5}{32}"$   $\frac{7}{8}" \times \frac{3}{16}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3 and No. 4.

Warding Files are tapered in width to a point. They are double cut on flat sides and also are cut on edges.

Warding No. 00



Made in sizes: 3" 4" 6" 8" 10"  
Approximate size of finished files:  $\frac{23}{64}" \times \frac{3}{64}"$   $\frac{7}{16}" \times \frac{3}{64}"$   $\frac{19}{32}" \times \frac{5}{64}"$   $\frac{3}{4}" \times \frac{3}{32}"$   $\frac{15}{16}" \times \frac{7}{64}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2, and No. 4.

Barrette Files are cut on the wide flat side only. The back and beveled edges being left safe (uncut).

Barrette No. 00



Made in sizes: 3" 4" 6" 8"  
Approximate size of finished files:  $\frac{11}{32}"$   $\frac{1}{2}"$   $\frac{21}{32}"$   $\frac{7}{8}"$   
Made in cuts: No. 00, No. 0, No. 1, No. 2 and No. 4.



# HELLER BROTHERS COMPANY

Three Square Files are triangular in shape and are tapered to a point. They are double cut on all sides and the edges are single cut.

Three Square No. 00



Made in sizes: 3" 4" 5" 6" 8" 10"  
Approximate size of finished files:  $\frac{5}{32}$ "  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{1}{2}$ "  $\frac{5}{8}$ "  
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3 and No. 4.

Round Files, as the name implies, are round and tapered to a point. They are double cut.  
Round No. 00



Made in sizes: 3" 4" 5" 6" 8" 10" 12"  
Approximate size of finished files:  $\frac{5}{64}$ "  $\frac{1}{8}$ "  $\frac{5}{32}$ "  $\frac{3}{16}$ "  $\frac{1}{4}$ "  $\frac{21}{64}$ "  $\frac{27}{64}$ "  
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3, No. 4 and No. 6.

Round Straight Files are the same shape as Round Files, but are parallel and do not taper to a point. They are double cut.  
Round Straight No. 00



Made in sizes: 4" 5" 6" 8"  
Approximate size of finished files:  $\frac{1}{8}$ "  $\frac{5}{32}$ "  $\frac{3}{16}$ "  $\frac{1}{4}$ "  
Made in cuts: No. 00, No. 0, No. 2 and No. 4.

Square Files are square in shape and are tapered to a point. They are double cut.  
Square No. 00



Made in sizes: 3" 4" 6" 8" 10" 12"  
Approximate size of finished files:  $\frac{5}{64}$ "  $\frac{1}{8}$ "  $\frac{3}{16}$ "  $\frac{1}{4}$ "  $\frac{11}{32}$ "  $\frac{7}{16}$ "  
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3 and No. 4.

Crossing Files are oval shape but the radius of one side is greater than the radius of the other side. They are double cut.  
Crossing No. 00



Made in sizes: 3" 4" 6" 8" 10"  
Approximate size of finished files:  $\frac{5}{16}$ " x  $\frac{3}{32}$ "  $\frac{13}{32}$ " x  $\frac{7}{64}$ "  $\frac{5}{8}$ " x  $\frac{3}{16}$ "  $\frac{25}{32}$ " x  $\frac{1}{4}$ "  $\frac{61}{64}$ " x  $\frac{3}{8}$ "  
Made in cuts: No. 00, No. 0, No. 1, No. 2, No. 3, No. 4 and No. 6.

Equalling Files are parallel in width and thickness. They are double cut on flat sides and both edges are cut.  
Equalling No. 00



Made in sizes: 3" 4" 6" 8"  
Approximate size of finished files:  $\frac{21}{64}$ " x  $\frac{1}{16}$ "  $\frac{27}{64}$ " x  $\frac{5}{64}$ "  $\frac{19}{32}$ " x  $\frac{7}{64}$ "  $\frac{3}{4}$ " x  $\frac{9}{64}$ "  
Made in cuts: No. 00, No. 0, No. 1, No. 2 and No. 4.

Metal Saw Files are made from the same size of steel as Three Square Files, but are parallel the entire length. The three sides are double cut and the edges are single cut.  
Metal Saw No. 0



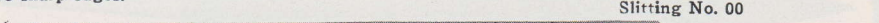
Made in sizes: 3" 4" 5" 6" 8"  
Approximate size of finished files:  $\frac{5}{32}$ "  $\frac{1}{4}$ "  $\frac{5}{16}$ "  $\frac{3}{8}$ "  $\frac{1}{2}$ "  
Made in cuts: No. 0, No. 2 and No. 4.

Crochet Files are flat in shape, but the edges are rounded. They are double cut on flat sides and are cut on edges.  
Crochet No. 00



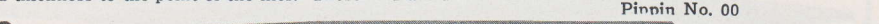
Approximate size of finished files: 3" 4" 6" 8" 10"  
Made in sizes:  $\frac{1}{4}$ " x  $\frac{5}{64}$ "  $\frac{3}{8}$ " x  $\frac{3}{32}$ "  $\frac{1}{2}$ " x  $\frac{1}{8}$ "  $\frac{21}{32}$ " x  $\frac{5}{32}$ "  $\frac{49}{64}$ " x  $\frac{3}{16}$ "  
Made in cuts: No. 00, No. 0, No. 1, No. 2 and No. 4.

Slitting Files are made from a special section similar to a flat diamond. They are double cut on four sides and single cut on two sharp edges.  
Slitting No. 00



Made in sizes: 4" 6"  
Approximate size of finished files:  $\frac{7}{16}$ "  $\frac{5}{8}$ "  
Made in cuts: No. 00, No. 0 and No. 2.

Pippin Files are made from a special section having a rounded back and tapering to a sharp edge. They are tapered in width and thickness to the point of the files. These files are double cut.  
Pippin No. 00



Made in sizes: 4" 6"  
Approximate size of finished files:  $\frac{9}{32}$ " x  $\frac{1}{8}$ "  $\frac{3}{8}$ " x  $\frac{5}{32}$ "  $\frac{1}{2}$ " x  $\frac{3}{16}$ "  
Made in cuts: No. 00, No. 0, No. 1 and No. 2.

Round Edge and Square Edge Joint Files are flat in shape and parallel in width and thickness. They are double cut on both edges only.  
Round Edge Joint No. 0

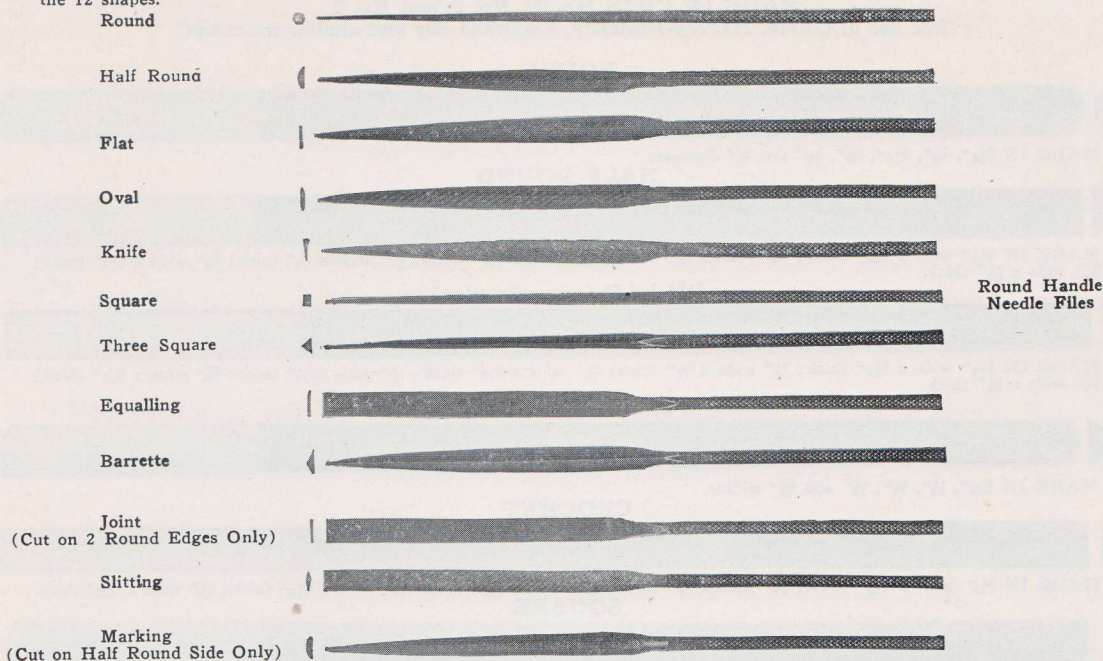


Both Round Edge and Square Edge Joint Files are made in sizes: 4" 6"  
Approximate size of finished files—thick:  $\frac{13}{32}$ " x  $\frac{5}{64}$ "  $\frac{19}{32}$ " x  $\frac{7}{64}$ "  
Approximate size of finished files—thin:  $\frac{13}{32}$ " x  $\frac{3}{64}$ "  $\frac{19}{32}$ " x  $\frac{5}{64}$ "  
Both Round Edge and Square Edge Joint Files are made in cuts: No. 0 and No. 2.



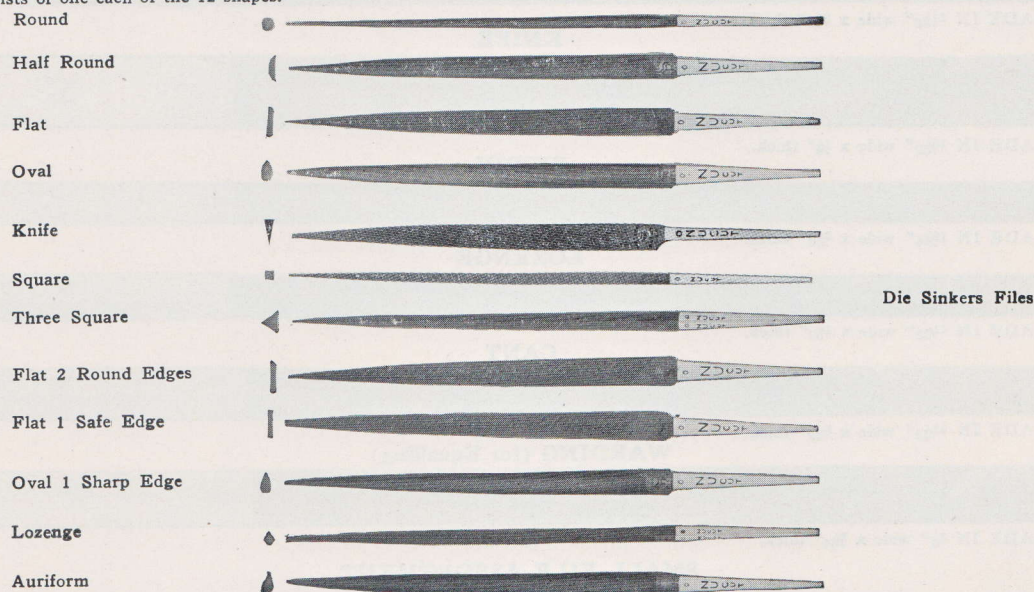
## ROUND HANDLE NEEDLE FILES

Round Handle Needle Files are generally used by die makers, tool makers, watch makers and other users who require specially fine tools. These Files are made with knurled handles in 12 shapes as illustrated below, and are made in sizes 4", 5½" and 6½". They are made in cuts No. 0, No. 2, No. 4 and No. 6 and are packed in wooden boxes for the convenience of the user. These files are also put up as an assortment in a box—an assortment consists of one each of the 12 shapes.



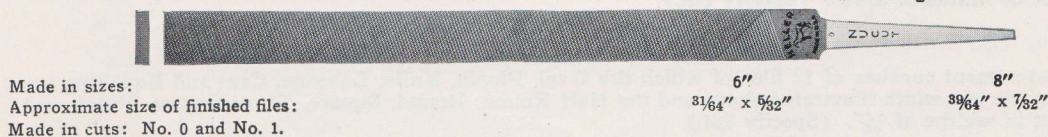
## DIE SINKERS FILES

Die Sinkers Files are generally used by die sinkers when working on dies. They are made in twelve shapes in the 3½" size only in cuts No. 0, No. 1 and No. 2. These Files are also put up as an assortment in a box—an assortment consists of one each of the 12 shapes.



Pillar Testing Files are similar in shape to Pillar Files.

Pillar Testing File No. 0



Corrugating Shear Files are used when it is desired to produce corrugations on metal shears, knives and other tools. Having a cutting or shearing edge, they are double cut and are made in size 6" only. They are made in cuts No. 0, No. 2 and No. 4 and are made from the same size steel as 6" Hand Files and are the same shape.

Corrugating Shear File No. 0





# HELLER PARALLEL MACHINE FILES

## 8" Overall Length

MADE IN CUTS No. 00, No. 0, and No. 2  
For use in Oliver, Harvey-Butterfly, Cochrane-Bly and similar machines

### ROUND



MADE IN  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " diameter.

### HALF ROUND



MADE IN  $\frac{3}{16}$ " wide x  $\frac{3}{32}$ " thick;  $\frac{1}{4}$ " wide x  $\frac{1}{8}$ " thick;  $\frac{3}{8}$ " wide x  $\frac{3}{16}$ " thick;  $\frac{1}{2}$ " wide x  $\frac{1}{4}$ " thick;  $\frac{5}{8}$ " wide x  $\frac{5}{16}$ " thick;  $\frac{3}{4}$ " wide x  $\frac{3}{8}$ " thick.

### PILLAR (one safe edge)



MADE IN  $\frac{3}{16}$ " wide x  $\frac{3}{32}$ " thick;  $\frac{1}{4}$ " wide x  $\frac{1}{8}$ " thick;  $\frac{3}{8}$ " wide x  $\frac{3}{16}$ " thick;  $\frac{1}{2}$ " wide x  $\frac{1}{4}$ " thick;  $\frac{5}{8}$ " wide x  $\frac{5}{16}$ " thick;  $\frac{3}{4}$ " wide x  $\frac{3}{8}$ " thick.

### THREE SQUARE



MADE IN  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " widths.

### CROCHET



MADE IN  $\frac{3}{16}$ " wide x  $\frac{3}{32}$ " thick;  $\frac{1}{4}$ " wide x  $\frac{1}{8}$ " thick;  $\frac{3}{8}$ " wide x  $\frac{3}{16}$ " thick;  $\frac{1}{2}$ " wide x  $\frac{3}{16}$ " thick;  $\frac{5}{8}$ " wide x  $\frac{1}{32}$ " thick.

### SQUARE



MADE IN  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " widths.

### OVAL



MADE IN  $\frac{1}{32}$ " wide x  $\frac{3}{16}$ " thick.

### KNIFE



MADE IN  $\frac{1}{32}$ " wide x  $\frac{1}{8}$ " thick.

### PIPPIN



MADE IN  $\frac{1}{16}$ " wide x  $\frac{5}{32}$ " thick.

### LOZENGE



MADE IN  $\frac{1}{32}$ " wide x  $\frac{1}{32}$ " thick.

### CANT



MADE IN  $\frac{1}{32}$ " wide x  $\frac{5}{32}$ " thick.

### WARDING (for Equalling)



MADE IN  $\frac{3}{8}$ " wide x  $\frac{5}{64}$ " thick.

### SMALL FILE ASSORTMENT

Cuts No. 00, No. 0 or No. 2

This assortment consists of 12 files of which the Oval, Pippin, Knife, Lozenge, Cant and Equalling are made in the one width illustrated above and the Half Round, Round, Square, Three Square, Pillar, and Crochet in widths of  $\frac{3}{16}$ ". (Specify cut.)

### LARGE FILE ASSORTMENT

Cuts No. 00, No. 0 or No. 2

This assortment consists of 12 files of which the Oval, Pippin, Knife, Lozenge, Cant and Equalling are made in the one width illustrated above and the Half Round, Round, Square, Three Square, Pillar, and Crochet in widths of  $\frac{3}{8}$ ". (Specify cut.)

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio





**HELLER**  
BROTHERS COMPANY

**FILE  
HANDLES**

**PRICE SHEET 175A**

See Illustrated Catalog Sheet Form No. 175

AUGUST 30, 1949

**JOBBER'S DISCOUNT 30%**  
**SUGGESTED RESALE NET LIST**

**HELLER FILE HANDLES**

No.	Length	Packed	Weight Per Gross	List Price Per Gross
104	4" for Small Files	1/4 Gross	2 lbs. — 14 oz.	\$16.70
106	4 1/4" for Files 4" to 8"	1/4 Gross	4 lbs. — 2 oz.	17.45
108	5" for Files 8" to 10"	1/4 Gross	5 lbs. — 14 oz.	20.20
110	5 1/2" for Files 12" to 14"	1/4 Gross	8 lbs.	21.85
112	6" for Files 16" to 20"	1/4 Gross	11 lbs.	24.80

FREIGHT ALLOWANCE: F.O.B. Newark, N. J., or Newcomerstown, Ohio.

TERMS: 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

*"Good Tools Since 1836"*

**HELLER BROTHERS COMPANY**

General Offices — Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio  
Printed in U. S. A.    Form No. 175-A









# HELLER

## BROTHERS COMPANY

# FILE HANDLES

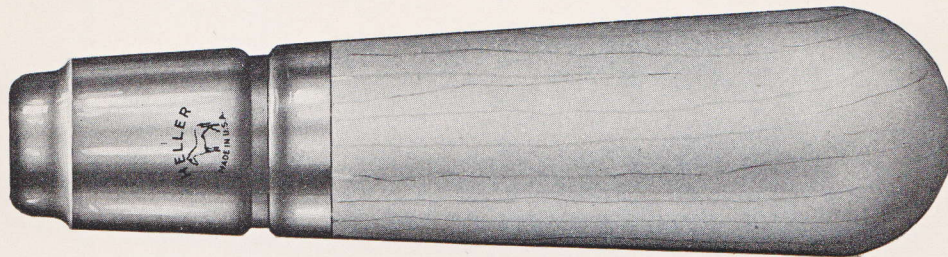
AUGUST 30, 1949

## HELLER FILE HANDLES

See Catalog Sheet Form No. 175A for Prices

**They Just Fit the Hand**

**ACTUAL SIZE OF No. 108**



↑  
Long shank ferrule of  
good weight steel  
prevents splitting.

↑  
Handles of soft wood  
absorb hand-moisture.

No.	Length	Packed	Weight
			Per Gross
104	4" for Small Files	$\frac{1}{4}$ Gross	2 lbs. - 14 oz.
106	4 $\frac{1}{4}$ " for Files 4" to 8"	$\frac{1}{4}$ Gross	4 lbs. - 2 oz.
108	5" for Files 8" to 10"	$\frac{1}{4}$ Gross	5 lbs. - 14 oz.
110	5 $\frac{1}{2}$ " for Files 12" to 14"	$\frac{1}{4}$ Gross	8 lbs.
112	6" for Files 16" to 20"	$\frac{1}{4}$ Gross	11 lbs.

*"Good Tools Since 1836"*

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Printed in U. S. A.

FORM No. 175









## **JOBBER'S DISCOUNT SHEET**

September 22, 1948

# **ROTARY FILES HELLER Hand Cut**

and

# **HELLER Ground from Solid**

See Catalogue Price Sheet Form No. R48A

### **JOBBER'S DISCOUNT**

1 to 11 pieces of each item.....	10/25% off list
12 to 49 pieces of each item.....	15/25% off list
50 to 149 pieces of each item.....	20/25% off list
All Displays and Assortments.....	20/25% off list

### **Suggested Resale Discount**

1 to 11 pieces of each item.....	10% off list
12 to 49 pieces of each item.....	15% off list
50 to 149 pieces of each item.....	20% off list
150 pieces or over — prices upon application	
All Displays and Assortments.....	20% off list

### **HELLER CONVERTING AND REGRINDING SERVICE**

QUOTATIONS for SPECIAL TYPES and SIZES of ROTARY FILES will be given, upon receipt of your sample file or sketch.

	<b>Jobber's Discount</b>	<b>Resale Discount</b>
HAND CUT ROTARY FILES	65/15%	65%
GROUND FROM SOLID ROTARY FILES	75/15%	75%

DISCOUNTS ARE OFF GROUND FROM SOLID LIST PRICES.

SHIPMENTS: F. O. B. NEWARK, N. J.

TERMS: 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

CONDITIONS: Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

"Good Tools Since 1836"

# **HELLER BROTHERS COMPANY**

General Offices — Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Printed in U.S.A.

Form No. R48D









# HELLER

## BROTHERS COMPANY

### ROTARY FILES PRICE LIST

## HELLER HAND CUT ROTARY FILES

SEPTEMBER 22, 1948

List Prices Per Unit

File No.	Standard (Coarse or Medium)	Fine	File No.	Standard (Coarse or Medium)	Fine
H-1	\$2.25	\$2.80	H-40	\$4.45	\$5.50
H-2	3.90	4.80	H-41	1.35	1.65
H-3	4.35	5.40	H-42	1.45	1.75
H-4	1.50	1.90	H-43	1.75	2.15
H-5	1.70	2.05	H-44	1.75	2.15
H-6	1.85	2.25	H-45	1.75	2.15
H-7	2.00	2.50	H-46	1.85	2.30
H-8	2.25	2.80	H-47	1.75	2.15
H-9	6.45	8.00	H-48	1.95	2.45
H-10	1.65	2.05	H-49	2.00	2.50
H-11	1.75	2.15	H-50	1.50	1.85
H-12	1.15	1.40	H-51	1.40	1.70
H-13	1.20	1.50	H-52	1.55	1.90
H-14	1.30	1.60	H-53	1.65	2.05
H-15	1.50	1.85	H-54	1.80	2.25
H-16	1.80	2.20	H-55	2.35	2.90
H-17	2.00	2.50	H-56	1.65	2.00
H-18	2.35	2.95	H-57	1.75	2.15
H-19	3.50	4.30	H-58	2.25	2.80
H-20	1.80	2.20	H-59	1.25	1.60
H-21	1.95	2.50	H-60	1.45	1.75
H-22	2.45	3.10	H-61	1.60	2.00
H-23 (1")	3.30	4.15	H-62	1.60	2.00
H-23 (1 1/4")	3.55	4.45	H-63	1.85	2.30
H-23 (1 1/2")	4.85	6.10	H-64	1.85	2.30
H-23 (2")	7.50	9.35	H-65	2.10	2.60
H-23 (2 1/2")	10.50	13.10	H-66	3.15	3.90
H-24	1.85	2.35	H-67	1.75	2.15
H-25	2.25	2.85	H-68	2.35	2.95
H-26	2.75	3.50	H-69	1.75	2.10
H-27	3.50	4.40	H-70	1.90	2.35
H-28	1.50	1.90	H-71	2.20	2.80
H-29	1.70	2.10	H-72	2.00	2.45
H-30	1.65	2.05	H-73	3.50	4.40
H-31	1.90	2.40	H-74	1.95	2.35
H-32	2.70	3.30	H-75	2.80	3.40
H-33	7.05	8.60	H-87	1.70	2.05
H-34	1.45	1.80	H-88	1.35	1.65
H-35	1.50	1.85	H-89	1.95	2.40
H-36	1.75	2.15	H-90	3.00	3.75
H-37	1.85	2.35	H-91	3.50	4.40
H-38	2.00	2.50	H-92	1.65	2.05
H-39	2.60	3.20	H-93	2.20	2.75
			H-94	2.10	2.65
			H-95	2.75	3.30
			H-96	2.05	2.50
			H-97	1.80	2.20

Note: Send Rotary File Orders to Newark, N. J.

See Catalog R-48 For Illustrations



# HELLER GROUND FROM SOLID ROTARY FILES

SEPTEMBER 22, 1948

## List Prices Per Unit

File No.	Standard (Coarse or Medium)	Fine
HG-1	\$3.50	\$ 4.20
HG-2	4.80	5.75
HG-3	6.30	7.55
HG-4	1.50	1.80
HG-5	2.20	2.65
HG-6	2.75	3.30
HG-7	3.10	3.70
HG-8	3.50	4.20
HG-9	8.90	10.70
HG-10	2.00	2.40
HG-11	2.40	2.90
HG-12	1.20	1.45
HG-13	1.25	1.50
HG-14	1.35	1.60
HG-15	1.80	2.15
HG-16	2.30	2.75
HG-17	3.00	3.60
HG-18	3.75	4.50
HG-19	4.80	5.75
HG-20	2.35	2.80
HG-21	3.00	3.60
HG-22	3.45	4.15
HG-23 (1")	4.95	5.55
HG-23 (1¼")	6.90	8.30
HG-23 (1½")	8.20	9.85
HG-23 (2")	10.85	13.00
HG-23 (2½")	13.85	16.60
HG-24	2.40	2.90
HG-25	2.85	3.40
HG-26	3.90	4.70
HG-27	6.85	8.25
HG-28	1.65	2.00
HG-29	1.85	2.25
HG-30	2.25	2.70
HG-31	3.05	3.65
HG-32	4.10	4.90
HG-33	8.70	10.45
HG-34	1.30	1.55
HG-35	1.45	1.75
HG-36	2.20	2.65
HG-37	2.75	3.30
HG-38	3.35	4.00
HG-39	4.10	4.90
HG-40	6.05	7.25
HG-41	1.45	1.75
HG-42	1.65	2.00
HG-43	1.80	2.15
HG-44	1.90	2.30

File No.	Standard (Coarse or Medium)	Fine
HG-45	\$2.05	\$2.45
HG-46	2.00	2.40
HG-47	2.00	2.40
HG-48	2.85	3.40
HG-49	3.35	4.00

File No.	PLAIN END		END CUT	
	Standard	Fine	Standard	Fine
HG-50	\$1.35	\$1.60	\$1.55	\$1.85
HG-51	1.75	2.10	2.00	2.40
HG-52	2.15	2.60	2.45	3.00
HG-53	2.10	2.50	2.40	2.90
HG-54	2.60	3.10	3.00	3.60
HG-55	3.65	4.40	4.20	5.05
HG-56	2.25	2.70	2.60	3.10
HG-57	2.80	3.35	3.20	3.85
HG-58	3.30	3.95	3.80	4.55
HG-59	1.40	1.70		
HG-60	1.85	2.20		
HG-61	2.20	2.65		
HG-62	2.40	3.00		
HG-63	2.85	3.40		
HG-64	2.90	3.50		
HG-65	3.30	3.95		
HG-66	4.50	5.40		
HG-67	2.30	2.75		
HG-68	3.35	4.00		
HG-69	1.85	2.20		
HG-70	2.20	2.65		
HG-71	3.60	4.30		
HG-72	3.40	4.10		
HG-73	5.40	6.50		

File No.	PLAIN END		END CUT	
	Standard	Fine	Standard	Fine
HG-74	\$3.50	\$4.20	\$4.00	\$4.85
HG-75	4.70	5.65		
HG-87	2.00	2.40		
HG-88	1.60	1.90		
HG-89	3.00	3.60		
HG-90	5.90	7.10		
HG-91	7.10	8.50		
HG-92	5.90	7.10		
HG-93	3.25	3.90	3.75	4.50
HG-94	3.10	3.75	3.55	4.30
HG-95	3.80	4.55	4.35	5.20
HG-96	3.05	3.60		
HG-97	2.60	3.15		

Note: Send Rotary File Orders to Newark, N. J.

See Catalog R-48 For Illustrations

HG-95 4.95 5.95 5.70 6.85



# HELLER MINIATURE ROTARY FILES

SEPTEMBER 22, 1948

List Prices Per Unit

HAND CUT				GROUND-FROM-SOLID			
MH-1.....	\$1.10	MH-13.....	\$1.30	MG-1.....	\$1.35	MG-13.....	\$1.70
MH-2.....	1.10	MH-14.....	1.30	MG-2.....	1.35	MG-14.....	1.70
MH-3.....	1.10	MH-15.....	1.30	MG-3.....	1.35	MG-15.....	1.70
MH-4.....	1.30	MH-16.....	1.30	MG-4.....	1.70	MG-16.....	1.70
MH-5.....	1.10	MH-17.....	1.30	MG-5.....	1.35	MG-17.....	1.70
MH-6.....	1.30	MH-18.....	1.30	MG-6.....	1.70	MG-18.....	1.70
MH-7.....	1.30	MH-19.....	1.30	MG-7.....	1.70	MG-19.....	1.70
MH-8.....	1.10	MH-20.....	1.60	MG-8.....	1.35	MG-20.....	2.25
MH-9.....	1.30	MH-21.....	1.30	MG-9.....	1.70	MG-21.....	1.70
MH-10.....	1.30	MH-22.....	1.60	MG-10.....	1.70	MG-22.....	2.00
MH-11.....	1.30	MH-23.....	1.30	MG-11.....	1.70	MG-23.....	1.70
MH-12.....	1.30	MH-24.....	1.60	MG-12.....	1.70	MG-24.....	2.00

## HELLER ROTARY RASPS

Standard (Rough, Coarse, Med.)		Fine	Standard (Rough, Coarse, Med.)		Fine	Standard (Rough, Coarse, Med.)		Fine
R-1 .....	\$2.20	\$2.80	R-9 .....	\$1.75	\$2.20	R-16 .....	\$2.00	\$2.50
R-2 .....	2.00	2.45	R-10 .....	2.20	2.80	R-17 .....	2.60	3.25
R-3 .....	2.10	2.65	R-11 .....	2.10	2.65	R-18 .....	2.00	2.50
R-4 .....	2.35	2.95	R-12 .....	2.70	3.35	R-19 .....	2.60	3.25
R-5 .....	2.50	3.00	R-13 .....	2.85	3.40	R-20 .....	2.20	2.80
R-6 .....	2.75	3.30	R-14 .....	3.00	3.60	R-21 .....	2.35	2.95
R-7 .....	2.75	3.30	R-15 .....	1.90	2.35	R-22 .....	1.90	2.35
R-8 .....	3.00	3.60						

## DISPLAYS AND POPULAR ASSORTMENTS

Regular Size Hand Cut		Regular Size Ground-from-Solid		Miniature Ground-from-Solid	
Asst. No. 25.....	\$14.65	Asst. No. 45.....	\$21.35	Asst. No. 65.....	\$14.15
Asst. No. 35.....	10.95	Asst. No. 55.....	16.30	Asst. No. 75.....	16.85

Display Box Including Complete Assortment 24 Hand Cut Miniatures.....\$31.10

Display Box Including Complete Assortment 24 Ground From Solid Miniatures..... 40.20

GLASS ENCLOSED DISPLAY CABINET.....127.65

(Includes the Following Files)

H-2-M	H-23-M	H-54-F	HG-1-M	HG-29-F	HG-55-M
H-7-M	H-28-M	H-61-F	HG-6-M	HG-31-M	HG-60-C
H-11-C	H-31-C	H-65-C	HG-10-M	HG-36-F	HG-64-M
H-14-C	H-38-C	H-73-M	HG-13-F	HG-43-F	HG-70-M
H-16-M	H-49-M	H-75-M	HG-17-C	HG-48-M	HG-89-M
H-21-C	H-51-F	H-96-M	HG-20-M	HG-53-F	HG-74-M

Also 1 Complete Set Miniature Rotary Files

Note: Send Rotary File Orders to Newark, N. J.

See Catalog R48AX for illustrations



*The price includes cost of shank, where shank is separate from file.*

All Files are Made from High Speed Steel

Quotations for SPECIAL TYPES and SIZES of HAND CUT ROTARY FILES  
will be given, upon receipt of your sample file or sketch.

Rotary Files are made in any cut desired. Extra coarse, Coarse and Medium take the  
standard list price.

MEDIUM CUT WILL BE FURNISHED WHEN CUT IS NOT SPECIFIED.

---

## **HELLER CONVERTING and REGRINDING SERVICE**

Converting worn Hand Cut Rotary Files to Ground from Solid, use Ground from Solid list  
price less 65%.

Regrinding worn Ground from Solid Rotary Files, use Ground from Solid list price less 75%.

---

**Note: Send Rotary File Orders to Newark, N. J.**

SHIPMENTS: F. O. B. NEWARK, N. J.

TERMS: 30 days net, or 2% for cash on 10th of month covering all invoices of preceding  
month's date. Note: Remittance must bear post mark not later than 10th of month.

CONDITIONS: Prices are subject to change without notice. Shipments are subject to delays  
caused by strikes, accidents, and manufacturing contingencies. If under any law, or  
hereafter passed, we are required to pay a tax on sales, prices quoted will be increased  
in the amount of such tax. No goods may be returned without our permission.

---

**"Good Tools Since 1836"**

**HELLER BROTHERS COMPANY**

**Newark 4, New Jersey**

**Newcomerstown, Ohio**





# HELLER ROTARY FILES

HAND CUT  
and GROUND-FROM-SOLID types



## HELLER BROTHERS COMPANY

General Offices—Newark, N. J.

Plants — Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. R-48

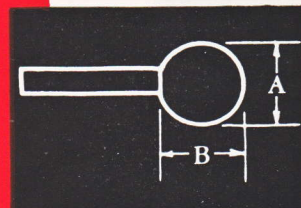




# HELLER

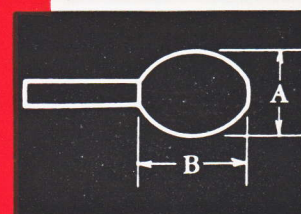
Illustrations show only hand-cut type.

## BALL SHAPE



	A	B
H12	1/8	1/8
H13	3/16	3/16
H14	1/4	1/4
H88	5/16	5/16
H15	3/8	3/8
H16	1/2	1/2
H17	5/8	5/8
H18	3/4	3/4
H19	1	1

## OVAL SHAPE



	A	B
H34	3/16	5/16
H35	1/4	1/2
H87	3/8	5/8
H36	7/16	3/4
H37	1/2	7/8
H38	5/8	1
H39	3/4	1 1/4
H40	1	1 3/8

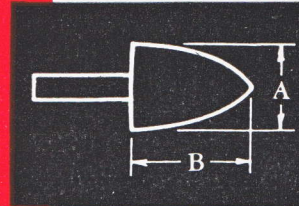


# Hand-cut and Ground-from-Solid **ROTARY FILES**

Illustrations show only hand-cut type.



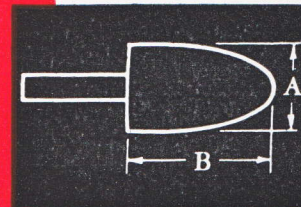
## **TREE SHAPE—pointed end**



	A	B
H4	1/4	3/4
H5	3/8	3/4
H6	1/2	3/4
H7	1/2	1 1/8
H8	5/8	1
H9	1 1/8	2



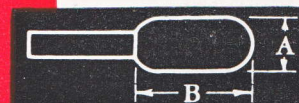
## **TREE SHAPE—radius end**



	A	B
H28	1/4	3/4
H29	1/4	1 1/2
H30	3/8	3/4
H31	1/2	1 1/8
H32	3/4	1 1/4
H33	1 1/8	2



## **BARREL SHAPE**



	A	B
H89	1/2	1



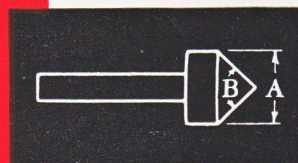


# HELLER

Illustrations show only hand-cut type.

## CONE SHAPE—60° and 90°

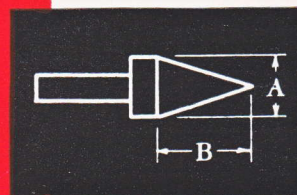
Inside De-Burring Tool—60° and 90° Included Angle



	A	B
H20	1/2	90°
H21	5/8	90°
H22	3/4	90°
H23*	1*	90°
H24	1/2	60°
H25	5/8	60°
H26	3/4	60°

\*Also available in 1 1/4, 1 1/2, 2, 2 1/4 and 2 1/2 in. diameters.

## CONE SHAPE—other



	A	B
H41	1/4	1/2
H42	1/2	3/4
H43	1/4	1
H44	5/16	3/4
H45	5/16	1
H46	1/4	1 1/4
H47	3/8	5/8
H48	1/2	7/8
H49	5/8	1
H27	1	18°



# Hand-cut and Ground-from-Solid **ROTARY FILES**

Illustrations show only hand-cut type.

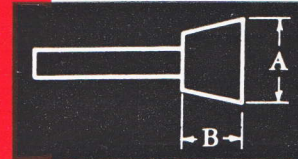
## INVERTED CONE SHAPE

with or without end cut

**74**



**96**



	A	B
H74	3/4	5/8
H96	1/2	3/4

## TAPERED SHAPE—radius end

**69**



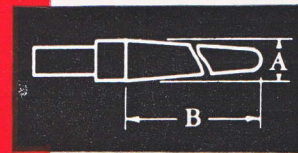
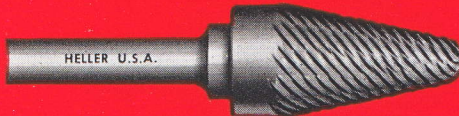
**70**



**71**



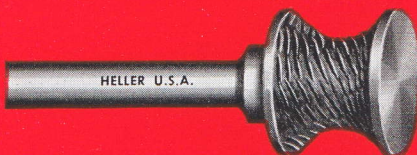
**72**



	A	B
H69	5/16	5/8
H70	5/16	1 1/4
H71	3/8	1 3/4
H72	5/8	1

## CONCAVE SHAPE—Type I

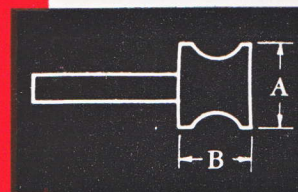
**75**



**90**



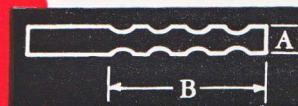
**91**



	A	B
H75	3/4	1/2
H90	1	7/32
H91	1 1/4	7/32

## CONCAVE SHAPE—Type II

**92**



	A	B
H92	1/4	1 3/16



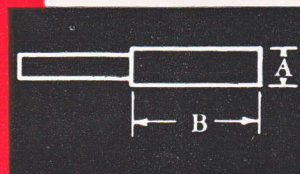


# HELLER

Illustrations show only hand-cut type.

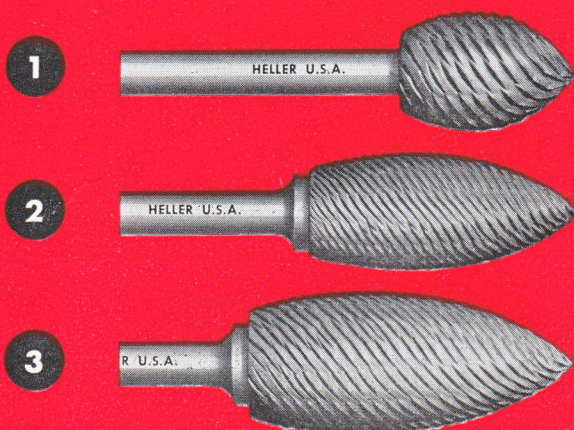
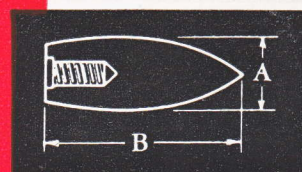
## CYLINDRICAL SHAPE—flat end

with or without end cut



	A	B
H50	1/8	1/2
H51	1/4	1
H52	1/4	1 1/2
H53	3/8	1
H54	1/2	1
H55	3/4	3/4
H56	5/16	1 1/2
H57	3/8	1 1/2
H58	1/2	1 1/2
H93	5/8	1
H94	3/4	1 1/2
H95	1	1

## FLAME SHAPE

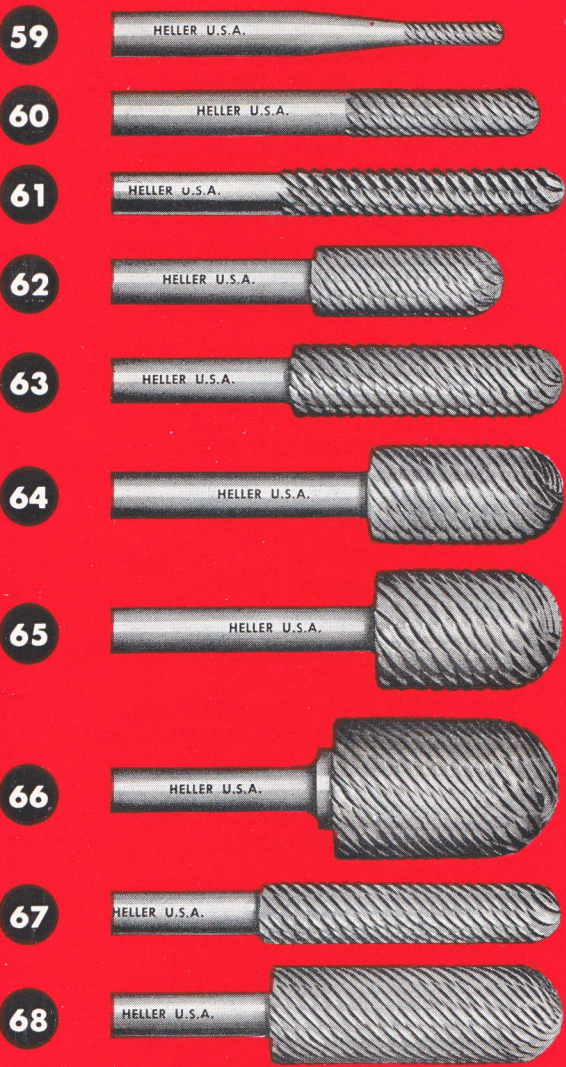


	A	B
H1	5/8	7/8
H2	5/8	1 7/16
H3	3/4	1 3/4

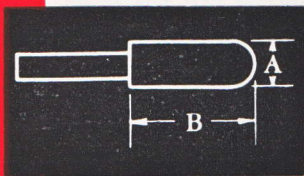


*Hand-cut and Ground-from-Solid* **ROTARY FILES**

Illustrations show only hand-cut type.



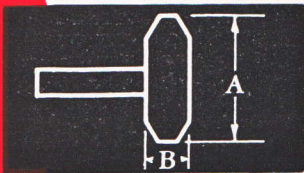
**CYLINDRICAL SHAPE—ball nose**



	A	B
H59	1/8	1/2
H60	1/4	1
H61	1/4	1 1/2
H62	3/8	1
H63	3/8	1 1/2
H64	1/2	1
H65	5/8	1
H66	3/4	1 1/4
H67	5/16	1 1/2
H68	1/2	1 1/2



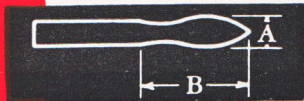
**CYLINDRICAL SHAPE—double taper**



	A	B
H73	1 1/8	3/8



**BI-SHAPE**



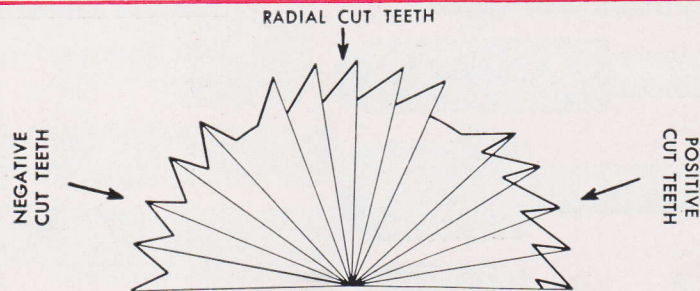
	A	B
H10	1/4	1
H11	5/16	1 1/8
H97	3/8	1 1/8



## General Information on HELLER ROTARY FILES

**HAND-CUT ROTARY FILES:** For use on hard and dense metals such as DIE STEEL, CAST IRON, WELDS, etc., more resistant to friction heat due to intermittent tooth structure. Hand-cut rotary files may be converted to ground-from-solid. Uniformly heat-treated to closely controlled hardness after cutting.

**GROUND-FROM-SOLID:** For use on ALUMINUM, BRASS, BRONZE, MAGNESIUM, and PLASTICS. Less tendency to clog. Wear evenly due to reduced vibration. These files may be reground. Precision ground after hardening. Made in three different rakes (angle of tooth), **NEGATIVE, POSITIVE, RADIAL:**



**RADIAL:** develops fine finish by reaming action. This rake is standard and suitable for general operations.

plastics where cleaning of chips presents a problem.

**POSITIVE:** may be used on rubber or

**NEGATIVE:** gives a burnished surface—satisfactory for use on softer metals such as brass, copper, aluminum alloys.

**HAND-CUT and GROUND-FROM-SOLID ROTARY FILES** may be used with either flexible or stationary shaft machines and with portable electric or air tools.

**HELLER ROTARY FILES** are made in three cuts as follows:

<b>COARSE:</b>	approximately	10 to 14 teeth per inch
<b>MEDIUM:</b>	"	16 " 18 " " "
<b>FINE:</b>	"	26 " 30 " " "

Standard size shanks— $\frac{1}{4}$ ". Also obtainable in other sizes upon request. Length varies

with type and size of file. Special diameters or lengths finished to specifications.

### RECOMMENDED OPERATING SPEEDS FOR VARIOUS MATERIALS

Revolutions per Minute for Various File Diameters

	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"
Steel	4000	2500	2000	1500	1350	1200	800
Cast Iron	6000	3400	2250	1750	1450	1250	1000
Aluminum, Brass and Bronze	15000	10000	8000	6000	5000	4000	2500



## HELLER BROTHERS COMPANY

General Offices—Newark, N. J. Plants — Newark, N. J. and Newcomertown, Ohio





# HELLER MINIATURE ROTARY FILES

Illustrations show ground-from-solid type

MG—Ground-from-solid type

MH—Hand-cut type

All miniature files are furnished with  $\frac{1}{8}$ " shanks.

First dimension designates diameter,  
second dimension designates depth of cut.



MG-1 MH-1  
 $1/8" \times 9/16"$



MG-8 MH-8  
 $1/8" \times 1/4"$



MG-2 MH-2  
 $1/8" \times 5/8"$



MG-9 MH-9  
 $1/4" \times 1/4"$



MG-10 MH-10  
 $3/8" \times 3/8"$



MG-11 MH-11  
 $1/4" \times 1/2"$



MG-12 MH-12  
 $1/4" \times 3/8"$



MG-19 MH-19  
 $1/4" \times 1/2"$



MG-21 MH-21  
 $1/4" \times 1/2"$



MG-13 MH-13  
 $1/4" \times 1/4"$



MG-14 MH-14  
 $3/8" \times 3/8"$



MG-15 MH-15  
 $3/8" \times 7/32"$



MG-6 MH-6  
 $1/4" \times 1/4"$



MG-7 MH-7  
 $5/16" \times 1/2"$



MG-16 MH-16  
 $1/4" \times 5/16"$



MG-17 MH-17  
 $1/4" \times 1/2"$



MG-18 MH-18  
 $1/4" \times 1/2"$



MG-23 MH-23  
 $1/4" \times 1/4"$



MG-5 MH-5  
 $1/8" \times 5/8"$



MG-3 MH-3  
 $1/8" \times 5/8"$



MG-4 MH-4  
 $1/4" \times 1/2"$



MG-20 MH-20  
 $5/8" \times 1/8"$



MG-22 MH-22  
 $5/8" \times 1/8"$



MG-24 MH-24  
 $5/8" \times 1/8"$

Display Box and  
Individual Package  
for Heller Miniature  
Rotary Files







# POPULAR ASSORTMENTS OF HELLER ROTARY FILES



**Assortment No. 25**  
**Hand-Cut**

*Any selection of 6 to 10 files can be furnished as an assortment in this handy wooden box, upon request.*

## ASSORTMENT

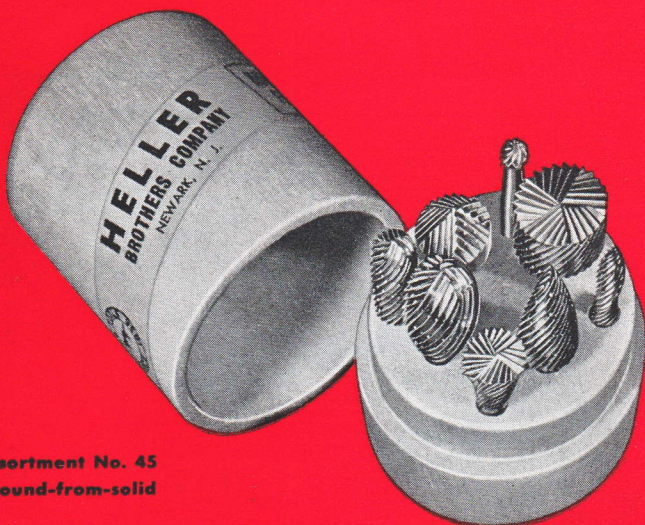
### No. 25

H- 7-M  
H-10-M  
H-14-M  
H-21-M  
H-38-M  
H-62-M  
H-94-M  
H-96-M

## ASSORTMENT

### No. 35

H- 7-M  
H-14-M  
H-21-M  
H-38-M  
H-62-M  
H-94-M



**Assortment No. 45**  
**Ground-from-solid**

## ASSORTMENT

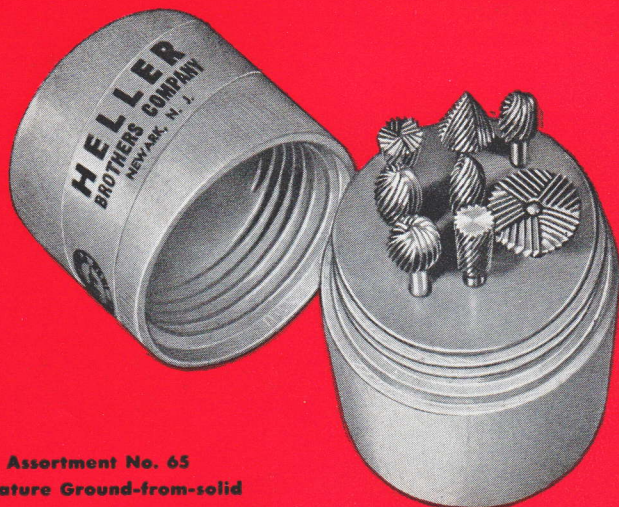
### No. 45

HG- 7-M  
HG-10-M  
HG-14-M  
HG-21-M  
HG-38-M  
HG-62-M  
HG-94-M  
HG-96-M

## ASSORTMENT

### No. 55

HG- 7-M  
HG-14-M  
HG-21-M  
HG-38-M  
HG-62-M  
HG-94-M



**Assortment No. 65**  
**Miniature Ground-from-solid**

## ASSORTMENT

### No. 65

MG-4  
MG-6  
MG-10  
MG-14  
MG-18  
MG-20  
MG-21  
MG-23

## ASSORTMENT

### No. 75

MG-3  
MG-4  
MG-5  
MG-6  
MG-10  
MG-14  
MG-18  
MG-20  
MG-21  
MG-23

Prices for these assortments include only actual cost of files. Wooden kit furnished free.



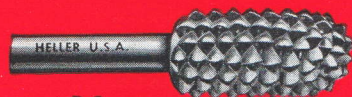
# HELLER ROTARY RASPS



R-1  
3/4" x 1/2"



R-2  
1/2" x 1"



R-3  
1/2" x 1 1/8"



R-4  
1/2" x 1 1/2"



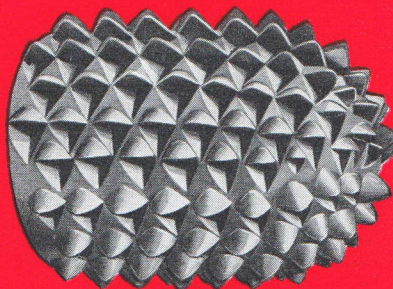
R-5  
3/4" x 1"



R-6  
1" x 1 1/2"



R-7  
3/4" x 2 1/8"



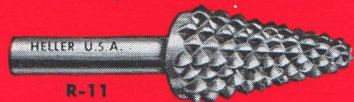
R-8  
1 1/2" x 2 1/8"



R-9  
3/8" x 3/8"



R-10  
3/4" x 5/8"



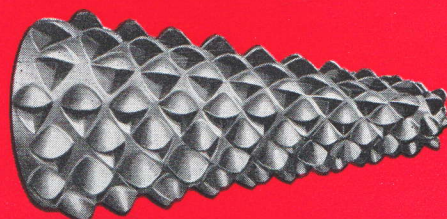
R-11  
5/8" x 1 1/8"



R-12  
5/8" x 1 1/2"



R-13  
3/4" x 2 3/8"



R-14  
1 1/4" x 2 1/2"



R-15  
1/2" x 3/4"



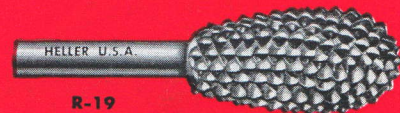
R-16  
1/2" x 1 1/4"



R-17  
5/8" x 1 1/4"



R-18  
1/2" x 15/16"



R-19  
3/4" x 1 3/8"



R-20  
3/4" x 5/8"



R-21  
5/8" x 1"

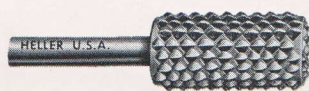


R-22  
7/16" x 1 1/2"

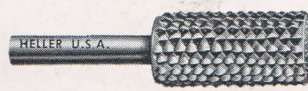
## FOUR DEGREES OF COARSENESS



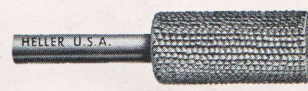
ROUGH



COARSE



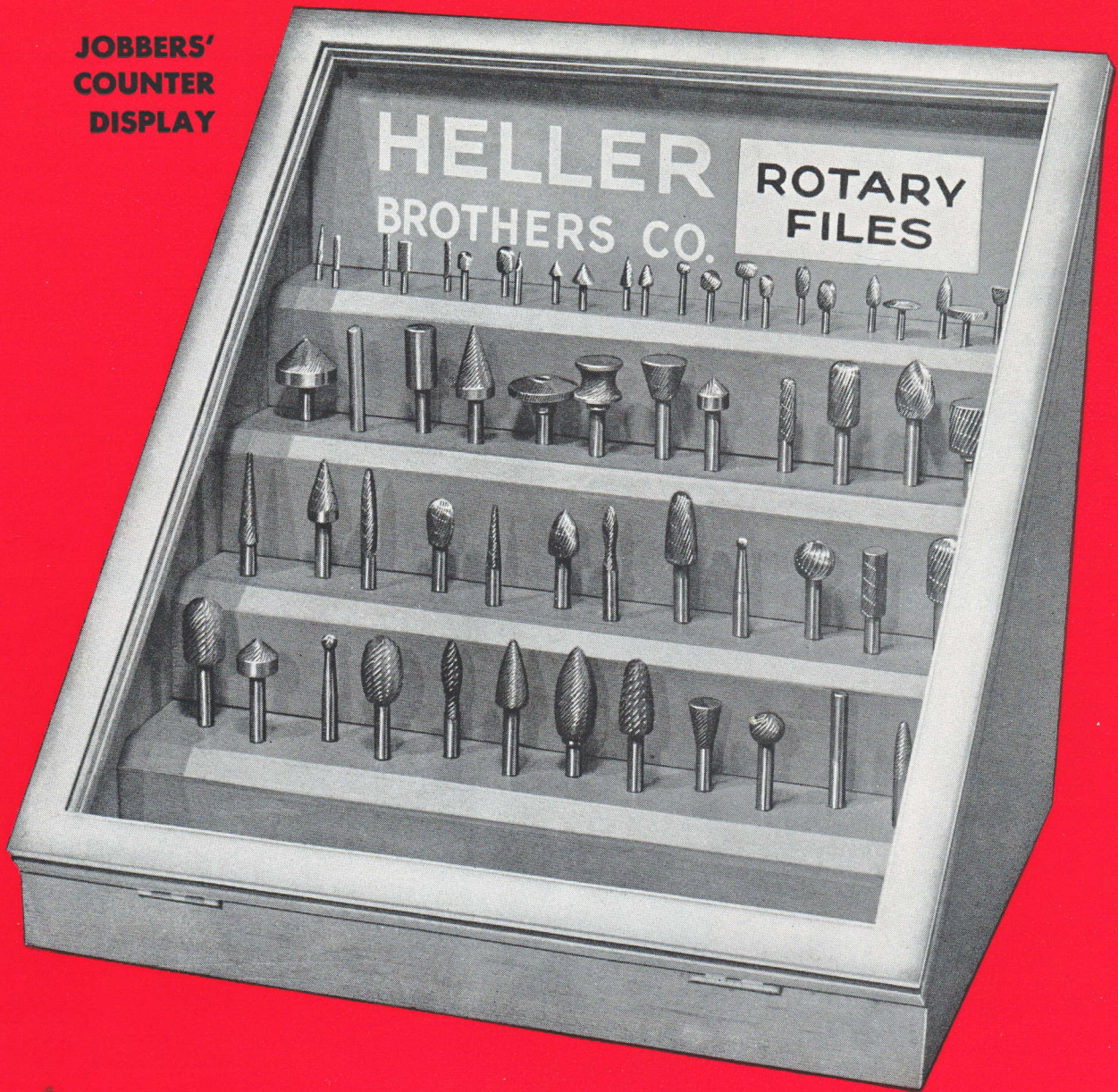
MEDIUM



FINE



**JOBBER'S'  
COUNTER  
DISPLAY**



**INDIVIDUAL  
PACKAGE**



**HELLER BROTHERS COMPANY**

*General Offices—Newark, N. J.*

*Plants—Newark, N. J. and Newcomerstown, Ohio*





## JOBBER'S DISCOUNT SHEET

SEPTEMBER 22, 1948

		DISCOUNT	SUGGESTED RESALE PRICE
HELLER "VIXEN"	MILLED CURVED TOOTH FILES		
"WHIZCUT"	MILLED CURVED TOOTH FILES		
"REVEAL"	MILLED CURVED TOOTH FILES	12½-20-10%	12½ %
RESHARPENING SERVICE		Off List	Off List
HOLDERS			

### List Prices

HELLER "VIXEN" MILLED CURVED TOOTH FILES list prices are given on Cat. Sheet Form No. 101S  
"REVEAL" MILLED CURVED TOOTH FILES list prices are given on Cat. Sheet Form No. 101A  
RESHARPENING SERVICE list prices are given on Catalog Sheet Form No. 101S  
HOLDERS list prices are given on Catalog Sheet Forms No. 101S, 176 and 101A

### Illustrations

HELLER "VIXEN" MILLED CURVED TOOTH FILES are illustrated on Cat. Sheet Forms No. 101, 101B, 176  
"WHIZCUT" MILLED CURVED TOOTH FILES are illustrated on Cat. Sheet Form No. 192  
"REVEAL" MILLED CURVED TOOTH FILES are illustrated on Cat. Sheet Form No. 101A  
HOLDERS are illustrated on Catalog Sheet Forms No. 101, 101A and 176

### Freight Allowance

HELLER "VIXEN," "WHIZCUT" and "REVEAL" MILLED CURVED TOOTH FILES. F.O.B. shipping point with freight allowed at not to exceed the lowest transportation rate to destination on shipments weighing 75 pounds or more. No allowance of any kind will be made on the following: Shipments weighing less than 75 pounds, shipments forwarded by Express or Parcel Post and shipments on resharpened files.  
VIXEN HOLDERS: Full freight allowed on shipments weighing 100 lbs. or more; shipments under 100 lbs. f.o.b. factory.

### Terms

30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

### Conditions

Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 132-D









# HELLER

## BROTHERS COMPANY

# VIXEN

MILLED  
CURVED  
TOOTH  
FILES

SEPTEMBER 22, 1948

### PRICE LIST PER DOZEN

(See Catalog Sheet Forms No. 101 and 192 for illustrations)

Not in regular production,  
available on order only.

KIND :	CUT :	8"	10"	12"	14"	16"	18"
*FLEXIBLE FILES (without tang)	Babbitt.....	.....	.....	.....	35.00	.....	.....
	Standard.....	19.50	24.50	29.50	35.00	41.80	50.40
	Fine.....	23.50	28.50	33.50	38.50	45.70	54.40
	Smooth.....	25.50	30.00	35.00	40.50	47.60	56.05
*FLEXIBLE NARROW (without tang)	Standard.....	.....	.....	.....	31.75	.....	.....
FLAT RIGID (with tang)	Standard.....	18.70	22.80	27.40	32.30	38.95	47.25
	Fine.....	21.60	26.20	31.00	36.10	42.55	50.80
	Smooth.....	23.60	28.10	32.50	37.70	44.55	52.50
FLAT RIGID UTILITY (with tang)		21.40	25.50	30.00	35.00	41.55	.....
FLAT RIGID BABBITT (with tang)		24.00	28.10	33.80	36.80	.....	.....
HALF ROUND RIGID (with tang)	Standard.....	21.90	25.80	30.70	36.00	43.30	53.10
	Fine.....	24.80	29.30	34.00	39.50	47.05	.....
	Smooth.....	26.60	31.20	35.50	41.00	48.95	.....
HALF ROUND (SHELL SHAPE) (without tang)	Standard.....	21.90	25.80	30.70	36.00	.....	.....
	Fine.....	24.80	29.30	34.00	39.50	.....	.....
	Smooth.....	26.60	31.20	35.50	41.00	.....	.....
‡HALF OVAL RIGID (with tang)	Standard.....	21.90	25.80	30.70	36.00	.....	.....
‡HALF OVAL BENT (without tang)	Fine.....	24.80	29.30	34.00	39.50	.....	.....
‡HALF OVAL STRAIGHT (without tang)	Smooth.....	26.60	31.20	35.50	41.00	.....	.....
MOLDING (without tang)	Standard.....	21.90	25.80	30.70	36.00	.....	.....
PILLAR RIGID (with tang)	Standard.....	20.40	25.00	30.40	34.80	.....	.....
	Fine.....	23.70	28.40	33.70	38.90	.....	.....
	Smooth.....	25.60	30.80	35.00	41.40	.....	.....
SQUARE RIGID (with tang)	Standard.....	19.50	23.90	28.80	34.00	40.85	49.50
	Fine.....	22.70	27.30	32.50	37.70	44.80	53.40
	Smooth.....	24.80	29.50	34.20	39.60	46.60	55.10
HALF CIRCLE (without tang)	Standard.....	24.80	.....	.....	32.90	.....	.....
SPECIAL CURVED (without tang)	Standard.....	.....	.....	.....	32.90	.....	.....
SPECIAL CURVED (SHELL SHAPE) (without tang)	Standard.....	.....	.....	30.70	36.00	.....	.....
WIZCUT	Standard.....	18.70	22.80	27.40	32.30	.....	.....
	Fine.....	21.60	26.20	31.00	36.10	.....	.....
	Smooth.....	23.60	28.10	32.50	37.70	.....	.....
STEEL BACKS (for Flexible Files)		9.35	10.20	11.05	11.65	12.50	13.35
BOLTS AND NUTS FOR STEEL BACKS (Per dozen sets)		3.10	3.10	3.10	3.90	3.90	3.90
RESHARPENING		5.00	5.50	6.25	6.55	7.30	7.70

\*Flexible Files are cut on both sides and should be attached to a holder or Steel Back when in use.

‡Half Oval Files are all made from the same size steel.

#### HOLDERS

HOLDER No. 1661 for use with 8" Half Circle "Vixen" File.....	5.40
HOLDER No. 470 for use with 14" Half Circle "Vixen" File.....	20.00
HOLDER No. 471 for use with 14" Special Curved "Vixen" File.....	20.00
HOLDER No. 416 for use with 12" or 14" Flexible "Vixen" File.....	12.70
HOLDER No. 472 for use with 12" or 14" Flexible "Vixen" File.....	37.40

See Catalog Sheet Form No. 176 for other FILE HOLDERS



# MEASUREMENTS

KIND :		8"	10"	12"	14"	16"	18"
FLEXIBLE (without tang)	Width.....	1 <sup>3</sup> / <sub>16</sub> "	1"	1 <sup>3</sup> / <sub>16</sub> "	1 <sup>3</sup> / <sub>8</sub> "	1 <sup>9</sup> / <sub>16</sub> "	1 <sup>3</sup> / <sub>4</sub> "
	Thickness.....	3 <sup>1</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>64</sub> "	7 <sup>1</sup> / <sub>32</sub> "	1 <sup>1</sup> / <sub>64</sub> "	1 <sup>1</sup> / <sub>64</sub> "	1 <sup>1</sup> / <sub>64</sub> "
FLEXIBLE NARROW (without tang)	Width.....	—	—	—	5 <sup>1</sup> / <sub>8</sub> "	—	—
	Thickness.....	—	—	—	1 <sup>1</sup> / <sub>64</sub> "	—	—
FLAT { RIGID RIGID UTILITY RIGID BABBITT (with tang)	Width.....	1 <sup>3</sup> / <sub>16</sub> "	1"	1 <sup>3</sup> / <sub>16</sub> "	1 <sup>23</sup> / <sub>64</sub> "	1 <sup>35</sup> / <sub>64</sub> "	1 <sup>23</sup> / <sub>32</sub> "
	Thickness.....	1 <sup>3</sup> / <sub>64</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>3</sup> / <sub>64</sub> "	1 <sup>1</sup> / <sub>32</sub> "	2 <sup>3</sup> / <sub>64</sub> "	7 <sup>1</sup> / <sub>16</sub> "
HALF ROUND RIGID (with tang)	Width.....	1 <sup>3</sup> / <sub>16</sub> "	1"	1 <sup>3</sup> / <sub>16</sub> "	1 <sup>23</sup> / <sub>64</sub> "	1 <sup>27</sup> / <sub>64</sub> "	1 <sup>49</sup> / <sub>64</sub> "
	Thickness.....	1 <sup>1</sup> / <sub>64</sub> "	9 <sup>1</sup> / <sub>32</sub> "	1 <sup>1</sup> / <sub>32</sub> "	2 <sup>5</sup> / <sub>64</sub> "	2 <sup>9</sup> / <sub>64</sub> "	1 <sup>1</sup> / <sub>2</sub> "
HALF ROUND (SHELL SHAPE) (without tang)	Width.....	7 <sup>1</sup> / <sub>8</sub> "	1 <sup>3</sup> / <sub>32</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>7</sup> / <sub>16</sub> "	—	—
	Thickness.....	1 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>8</sub> "	—	—
HALF OVAL { (Rigid with tang) (Bent without tang) (Straight without tang)	Width.....	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>4</sub> "	—	—
	Thickness.....	9 <sup>1</sup> / <sub>32</sub> "	9 <sup>1</sup> / <sub>32</sub> "	9 <sup>1</sup> / <sub>32</sub> "	9 <sup>1</sup> / <sub>32</sub> "	—	—
MOLDING (without tang)	Width.....	7 <sup>1</sup> / <sub>8</sub> "	1 <sup>3</sup> / <sub>32</sub> "	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>7</sup> / <sub>16</sub> "	—	—
	Thickness.....	3 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>8</sub> "	—	—
PILLAR RIGID (with tang)	Width.....	9 <sup>1</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>16</sub> "	1 <sup>3</sup> / <sub>16</sub> "	1 <sup>7</sup> / <sub>16</sub> "	—	—
	Thickness.....	9 <sup>1</sup> / <sub>32</sub> "	1 <sup>1</sup> / <sub>32</sub> "	1 <sup>3</sup> / <sub>32</sub> "	1 <sup>7</sup> / <sub>32</sub> "	—	—
SQUARE RIGID (with tang)	Width.....	1 <sup>9</sup> / <sub>64</sub> "	3 <sup>1</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>2</sub> "	5 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>8</sub> "
	Thickness.....	—	—	—	—	—	—
HALF CIRCLE (without tang)	Width.....	7 <sup>1</sup> / <sub>8</sub> "	—	—	1 <sup>7</sup> / <sub>16</sub> "	—	—
	Thickness.....	3 <sup>1</sup> / <sub>8</sub> "	—	—	3 <sup>1</sup> / <sub>8</sub> "	—	—
SPECIAL CURVED (without tang)	Width.....	—	—	—	1 <sup>7</sup> / <sub>16</sub> "	—	—
	Thickness.....	—	—	—	3 <sup>1</sup> / <sub>8</sub> "	—	—
SPECIAL CURVED (SHELL SHAPE) (without tang)	Width.....	—	—	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>7</sup> / <sub>16</sub> "	—	—
	Thickness.....	—	—	3 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>8</sub> "	—	—

## APPROXIMATE WEIGHTS PER DOZEN

	8" lb. - oz.	10" lb. - oz.	12" lb. - oz.	14" lb. - oz.	16" lb. - oz.	18" lb. - oz.
FLEXIBLE.....	2— 8	4— 0	5—14	7— 6	9— 8	13— 0
FLEXIBLE NARROW.....	—	—	—	3— 4	—	—
FLAT RIGID.....	3— 4	6— 0	10— 8	16— 0	26— 0	34— 0
FLAT RIGID UTILITY.....	3— 4	6— 4	10—12	17— 0	27—10	—
FLAT RIGID BABBITT.....	2—10	6— 0	9— 8	14—10	—	—
HALF ROUND RIGID.....	3— 6	6— 8	11— 4	18— 0	27— 8	39— 8
HALF ROUND (SHELL SHAPE).....	2— 4	4— 0	5— 0	7— 8	—	—
HALF OVAL RIGID (with tang).....	9— 8	11— 8	12— 8	13— 4	—	—
HALF OVAL BENT (without tang).....	8— 8	10—10	12— 6	13— 0	—	—
HALF OVAL STRAIGHT (without tang).....	8— 8	10—10	12— 6	13— 0	—	—
MOLDING.....	2— 4	4— 0	5— 0	7— 8	—	—
PILLAR RIGID.....	3—12	6—12	11— 8	18— 0	—	—
SQUARE RIGID.....	1—14	3— 8	8—14	15— 4	26— 0	50— 0

## FILES to be used with the following HOLDERS

(As illustrated on Catalog Sheet Form No. 101)

(As illustrated on Catalogue Sheet Form No. 176)

14" Flexible File.....	Nos. 472 or 416
12" Flexible File.....	Nos. 472 or 416
14" Flexible Narrow File (5/8" wide, 15/64" thick)	
14" Half Round File (Shell Shape)	
14" Molding File.....	
8" Half Circle File.....	No. 1661
14" Half Circle File.....	No. 470
14" Special Curved File.....	No. 471
12" Oval Bent.....	Nos. 472 or 416
14" Oval Bent.....	Nos. 472 or 416
12" Oval Straight.....	Nos. 472 or 416
14" Oval Straight.....	Nos. 472 or 416

V—1 or V—2

V—2

V—2

V—3

V—4

V—5

V—1 or V—2

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J. and Newcomerstown, Ohio

Form No. 101-S

Printed in U. S. A.



TEETH  BITE  
CURVED TOOTH

**HELLER**  
BROTHERS COMPANY

**VIXEN**

MILLED  
CURVED  
TOOTH  
FILES

SEPTEMBER 22, 1948



**"VIXEN" FLEXIBLE BABBITT FILE**

Coarser than Standard Cut—Teeth milled on both sides.  
Made in 14" lengths only. Should be attached to a File Holder.



**"VIXEN" FLEXIBLE STANDARD CUT FILE**

Universally used in the Auto Body building and repair trade. Teeth milled on both sides.  
Made in 8", 10", 12", 14", 16" and 18" lengths. 16" and 18" lengths available on order only.  
Should be attached to a File Holder.



**"VIXEN" FLEXIBLE FINE CUT OR MEDIUM FINISHING FILE**

Not as coarse as Standard Cut nor as fine as Smooth Cut. Teeth milled on both sides.  
Made in 8", 10", 12", 14", 16" and 18" lengths. 16" and 18" lengths available on order only.  
Should be attached to a File Holder.



**"VIXEN" FLEXIBLE SMOOTH CUT OR FINISHING FILE**

For extra fine finishing. Teeth milled on both sides.  
Made in 8", 10", 12", 14", 16" and 18" lengths. 16" and 18" lengths available on order only.  
Should be attached to a File Holder.



**"VIXEN" NARROW FLEXIBLE STANDARD CUT FILE**

Made in 14" length, 5/8" wide, 15/64" thick. Standard Cut only. Teeth milled on both sides.  
Should be attached to a File Holder.

All the above files 8" and 10" lengths packed 1 Dozen to a box.  
12", 14", 16" and 18"—½ Dozen. Except narrow Flexible—1 Dozen to a box.

"VIXEN" MILLED CURVED TOOTH FILES ARE MADE FROM SPECIAL ALLOY STEEL AND HAVE  
PRECISION MILLED TEETH.

SEE PAGE NO. 4, HOLDERS TO USE WITH THE ABOVE FILES  
SEE CATALOG SHEET FORM NO. 101S FOR LIST PRICES PER DOZEN,  
MEASUREMENTS AND WEIGHTS

*"Good Tools Since 1836"*

**HELLER BROTHERS COMPANY**

General Offices—Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

FORM No. 101



# "VIXEN" MILLED CURVED TOOTH FILES



## "VIXEN" FLAT RIGID STANDARD CUT FILE

For use on Sheet Steel, Iron, Aluminum, Babbitt, Brass, Copper, Marble, Slate, Fibre, Hard Rubber, Wood, etc. Teeth milled on both sides. Made in 8", 10", 12", 14", 16" and 18" lengths. 16" and 18" lengths available on order only.



## "VIXEN" FLAT RIGID FINE CUT FILE

For Aluminum Sheets, Brass, Cast Iron & Phosphorous Bronze. Teeth milled on both sides. Made in 8", 10", 12", 14", 16" and 18" lengths. 16" and 18" lengths available on order only.



## "VIXEN" FLAT RIGID SMOOTH CUT FILE

For Lathe work. Die & Tool work and where a smooth finish is desired. Teeth milled on both sides. Made in 8", 10", 12", 14", 16" and 18" lengths. 16" and 18" lengths available on order only.



## "VIXEN" FLAT RIGID UTILITY FILE

Standard Cut on one side for Lead, Solder and other soft materials. Fine Cut on the reverse side for Iron, Steel, Bronze, Brass & Copper. Made in 8", 10", 12", 14", and 16" lengths. 16" length available on order only.



## "VIXEN" FLAT RIGID BABBITT FILE

Coarser than Standard Cut for Babbitt, Solder and all softer metals. Will not clog or load in use. Teeth milled on both sides. Made in 8", 10", 12", and 14" lengths.



## "VIXEN" HALF ROUND RIGID STANDARD CUT FILE

Made in Standard, Fine & Smooth Cuts. Teeth cut on both sides. Made in 8", 10", 12", 14", 16" and 18" lengths. 18" length in Standard Cut only. 16" and 18" lengths available on order only.



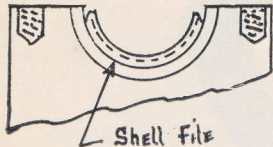
*Solid Type*

All the above files 8" and 10" lengths packed 1 Dozen to a box.  
12", 14", 16" and 18"—½ Dozen.

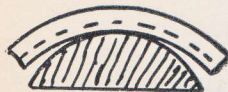
SEE CATALOG SHEET FORM NO. 101S FOR LIST PRICES PER DOZEN,  
MEASUREMENTS AND WEIGHTS.



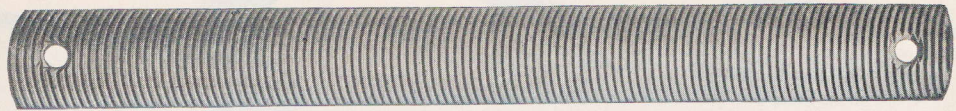
# "VIXEN" MILLED CURVED TOOTH FILES



How It Is Used on Bearing Work

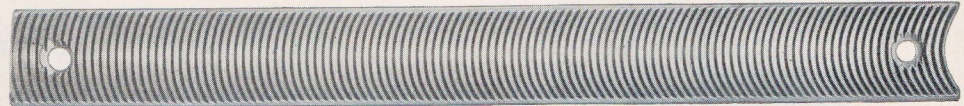


End View



## "VIXEN" HALF-ROUND STANDARD CUT FILE (SHELL SHAPE)

Milled on outer or convex side only. Should be attached to a File Holder.  
Made in Standard, Fine & Smooth Cuts in 8", 10", 12" and 14" lengths.



## "VIXEN" MOLDING STANDARD CUT FILE

Milled on inner or concave side in Standard Cut only. Should be attached to a File Holder.  
Made in 8", 10", 12" and 14" lengths.



## "VIXEN" PILLAR RIGID STANDARD CUT FILE

For use on wood or metal patterns. Made in Standard, Fine and Smooth Cuts. Teeth milled on both sides. Made in 8", 10", 12" and 14" lengths.



## "VIXEN" SQUARE RIGID STANDARD CUT FILE

For use in keyways or where a narrow file is necessary. Made in Standard, Fine and Smooth Cuts. Made in 8", 10", 12", 14", 16 and 18" lengths.  
16" and 18" lengths available on order only.



## "VIXEN" HALF OVAL RIGID STANDARD CUT FILE—Cut on Both Sides

Made in Standard, Fine & Smooth Cuts in 8", 10", 12" and 14" lengths.



## "VIXEN" HALF OVAL BENT STANDARD CUT FILE WITHOUT TANG

Cut on One Side (Non Flexible) (Bellied one half inch)

Also made in half oval straight. Should be attached to a File Holder.  
Made in Standard, Fine & Smooth Cuts in 8", 10", 12" and 14" lengths.

Patented 4-23-29 No. 1710466, 9-10-29 No. 1727690 and 10-27-31 No. 1829385

All the above files 8" and 10" lengths packed 1 Dozen to a box.  
12", 14", 16" and 18"—½ Dozen.

SEE PAGE 4, HOLDERS TO USE WITH THE ABOVE FILES

Viz. "Vixen" {  
Half Round Standard Cut (Shell Shape)  
Molding Standard Cut  
Half Oval Straight Standard Cut

SEE CATALOG SHEET FORM NO. 101S FOR LIST PRICES PER DOZEN,  
MEASUREMENTS AND WEIGHTS.



# "VIXEN" MILLED CURVED TOOTH FILES AND HOLDERS

SEPTEMBER 22, 1948

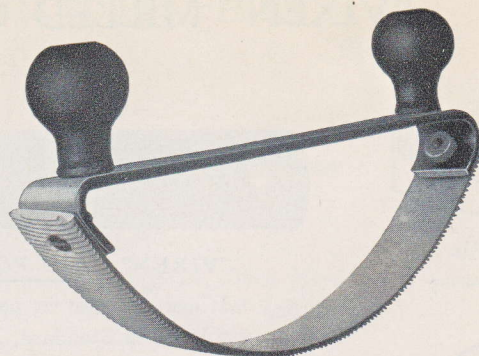


## HALF CIRCLE "VIXEN" FILE

For use on Fenders and on contours, where the pull stroke is more convenient. Teeth milled on one side.  
Made in 8" and 14" Standard Cut only.

Packed (12) to a box (8" size)—1 lb. 11 oz.

Packed (6) to a box (14" size)—3 lb. 6 oz.



No. 470

## HALF CIRCLE "VIXEN" FILE HOLDER

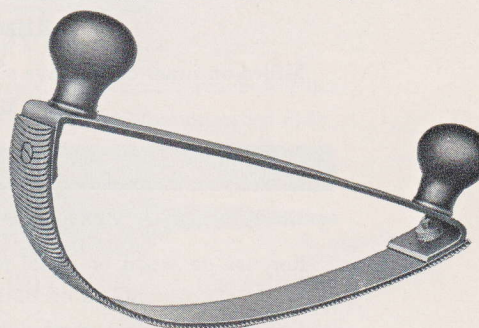
Attached to 14" Half Circle "Vixen" File  
Packed (1) to a box (Holder only)—1½ lb.



No. 1661

## HALF CIRCLE "VIXEN" FILE HOLDER

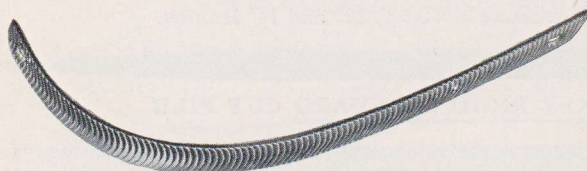
Attached to 8" Half Circle "Vixen" File.  
Packed (6) to a box (Holder only)—13 oz.



No. 471

## SPECIAL CURVED "VIXEN" FILE HOLDER

Attached to 14" Special Curved "Vixen" File  
Packed (1) to a box (Holder only)—1½ lb.



## SPECIAL CURVED "VIXEN" FILE

Designed for use on fenders and fender wells where the pull stroke is more convenient. Teeth milled on one side  
14" Standard Cut only.

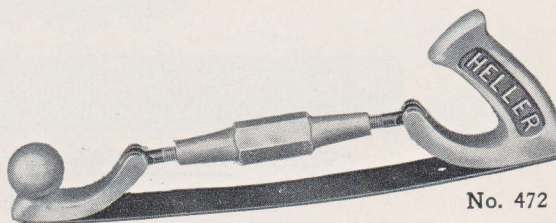
Packed (6) to a box—3 lb. 6 oz.



## HELLER No. 416 FILE HOLDER

For use with either 12" or 14" Flexible Files.

Packed (1) to a box (Holder only)—1½ lb.



No. 472

## ADJUSTABLE FLEXIBLE FILE HOLDER

All Aluminum—Light Weight  
Can be used on 12" or 14" Flexible Files and is easily adjusted for curving the file either outward (convex) or inward (concave).

Packed (1) to a box (Holder only)—2 lb. 2 oz.

SEE CATALOG SHEET FORM NO. 101S FOR LIST PRICES PER DOZEN  
FOR THE ABOVE HOLDERS

SEE CATALOG SHEET FORM NO. 176 FOR OTHER "VIXEN" FILES AND HOLDERS

FILES to be used with the following HOLDERS

(As illustrated on this page)

As illustrated on Catalog Sheet  
Form No. 176 with List Prices

14"	Flexible File	Nos. 472 or 416	V-1 or V-2
12"	Flexible File	Nos. 472 or 416	
14"	Flexible Narrow File (5/8" Wide, 15/64" Thick)		V-2
14"	Half Round File (shell shape)		V-2
14"	Molding File		V-3
8"	Half Circle File	No. 1661	
14"	Half Circle File	Nos. 470	V-4
14"	Special Curved File	Nos. 471	V-5
12"	Half Oval Bent	Nos. 472 or 416	
14"	Half Oval Bent	Nos. 472 or 416	
12"	Half Oval Straight	Nos. 472 or 416	
14"	Half Oval Straight	Nos. 472 or 416	V-1 or V-2



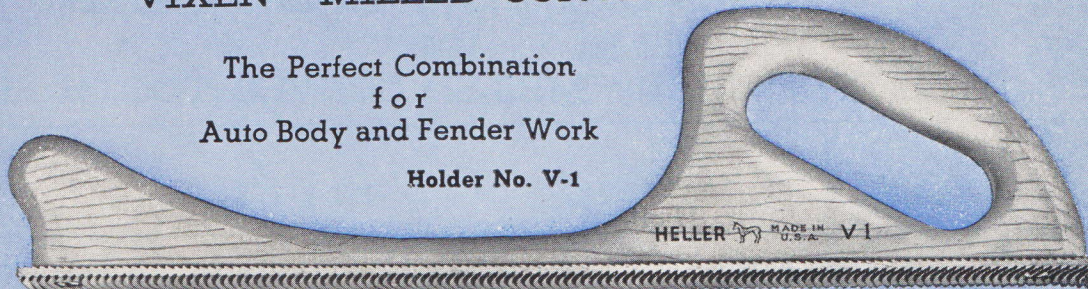
September 22, 1948

## WOOD FILE HOLDERS

FOR  
"VIXEN" MILLED CURVED TOOTH FILES

The Perfect Combination  
for  
Auto Body and Fender Work

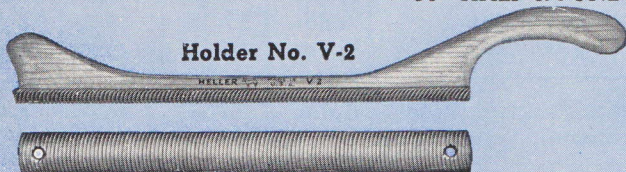
Holder No. V-1



Holder No. V-1 or  
V-2 to Fit

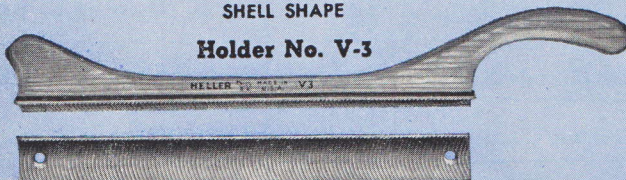
14" FLEXIBLE FILE (Babbitt)  
14" FLEXIBLE FILE (Standard Cut) Most generally used  
14" FLEXIBLE FILE (Fine Cut)  
14" FLEXIBLE FILE (Smooth Cut) } For Finishing  
14" HALF ROUND FILE (Standard Cut) Shell Shape

Holder No. V-2



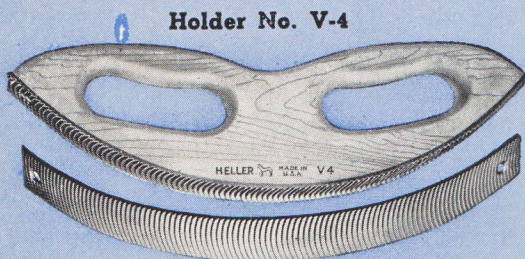
HOLDER No. V-2 TO FIT 14" HALF ROUND FILE (Standard Cut)  
SHELL SHAPE

Holder No. V-3



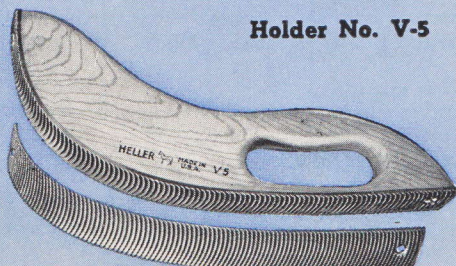
HOLDER No. V-3 TO FIT 14" MOLDING FILE (Standard Cut)

Holder No. V-4



HOLDER No. V-4 TO FIT 14" HALF CIRCLE FILE (Standard Cut)

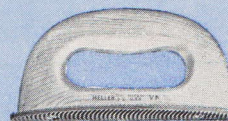
Holder No. V-5



HOLDER No. V-5 TO FIT 14" SPECIAL CURVED FILE (Standard Cut)

Holder No. V-6

File No. 2544



HOLDER No. V-6 TO FIT 6" RADIUS REVEAL FILE (Standard Cut)

Holder No. V-7

File No. 332



HOLDER No. V-7 TO FIT  
7" SPECIAL WINDOW REVEAL FILE (Standard Cut) FLAT SHAPE

Holder No. V-8

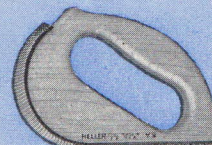
File No. 1389



HOLDER No. V-8 TO FIT  
7" SPECIAL WINDOW REVEAL FILE (Standard Cut) MOLDING SHAPE

Holder No. V-9

File No. 1386



HOLDER No. V-9 TO FIT  
7" SPECIAL WINDOW REVEAL FILE (Standard Cut) SHELL SHAPE

Holder No. V-10

File No.  
996



HOLDER No. V-10 TO FIT 12" SPECIAL CURVED FILE (Standard Cut)  
SHELL SHAPE



# WOOD FILE HOLDERS



# HELLER

BROTHERS COMPANY

## SUGGESTED RESALE PRICE SHEET

September 22, 1948

# WOOD FILE HOLDERS

FOR  
HELLER "VIXEN" MILLED CURVED TOOTH FILES

HOLDERS				FILES						Holders and Files Attached	
No.	Weight Each	List Price Each	Suggested Resale Price Each	Use Following Holder Number	KIND	Std. Pkg.	Weight	List Price Doz.	Suggested Resale Price Each	Weight Each	Suggested Resale Price Each
V-1	8 oz.	1.75	1.50	V-1 or V-2	14" Flexible (Babbitt)	1/2 doz.	3 3/4 lb.	35.00	2.55	18 oz.	4.05
					14" Flexible (Standard Cut)	1/2 doz.	3 3/4 lb.	35.00	2.55	18 oz.	4.05
					14" Flexible (Fine Cut)	1/2 doz.	3 3/4 lb.	38.50	2.80	18 oz.	4.30
					14" Flexible (Smooth Cut)	1/2 doz.	3 3/4 lb.	40.50	2.95	18 oz.	4.45
V-2	8 oz.	1.25	1.10	V-1 or V-2	14" Half Round (Standard Cut) (Shell Shape)	1/2 doz.	3 3/4 lb.	36.00	2.65	16 oz.	3.75
V-3	8 oz.	1.25	1.10	V-3	14" Molding (Standard Cut)	1/2 doz.	3 3/4 lb.	36.00	2.65	16 oz.	3.75
V-4	10 oz.	1.55	1.35	V-4	14" Half Circle (Standard Cut)	1/2 doz.	3 1/4 lb.	32.90	2.40	18 oz.	3.75
V-5	10 oz.	1.55	1.35	V-5	14" Special Curved (Standard Cut)	1/2 doz.	3 1/4 lb.	32.90	2.40	20 oz.	3.75
V-6	4 oz.	1.25	1.10	V-6	6" Radius Reveal (Standard Cut) No. 2544	1 doz.	4 lb.	32.75	2.40	8 oz.	3.50
V-7	3 oz.	.75	.65	V-7	7" Special Window Reveal (Flat Shape) 5/8" wide No. 332	1 doz.	1 1/2 lb.	24.25	1.80	4 oz.	2.45
V-8	3 oz.	.75	.65	V-8	7" Special Window Reveal (Molding Shape) 5/8" wide No. 1389	1 doz.	1 1/2 lb.	24.25	1.80	4 oz.	2.45
V-9	3 oz.	.75	.65	V-9	7" Special Window Reveal (Shell Shape) 5/8" wide No. 1386	1 doz.	1 1/2 lb.	24.25	1.80	4 oz.	2.45
V-10	6 oz.	1.55	1.35	V-10	12" Special Curved (Standard Cut) (Shell Shape) No. 996	1/2 doz.	3 1/8 lb.	30.70	2.25	14 oz.	3.60

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Form No. 176

Printed in U. S. A.



TEETH  BITE  
CURVED 100%

# HELLER

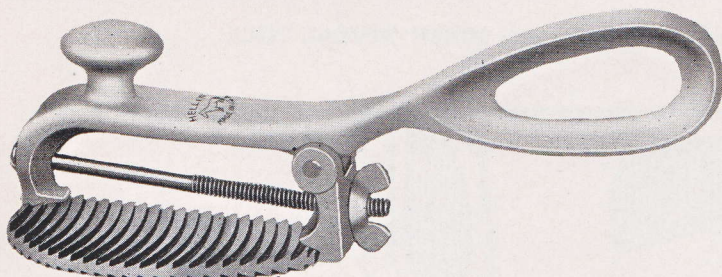
  
BROTHERS COMPANY

## "VIXEN" REVEAL TOOLS

### SUGGESTED RESALE PRICE SHEET

SEPTEMBER 22, 1948

Specially designed to get into small corners, ledges, etc, without damage to other parts.



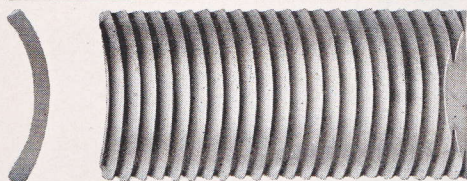
No. 152—Reveal Tool Holder (only).

Made of brass with hinged center piece. A threaded bolt with wing nut secures the file firmly in place. Holder 7" long.

List Price \$1.97      Resale Price \$1.72

Packed 1 only in box.

Weight 10 ozs.



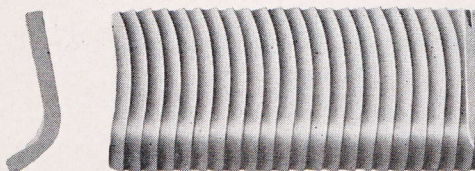
No. 153—Special Half Round File (shell shape)

Files 2 3/4" long. Packed 1/2 doz. to box.

List Price \$.76

Resale Price \$.67

Weight 11 ozs.



No. 154—Special Flat Square Cornered File with one edge bent.

Files 2 3/4" long. Packed 1/2 doz. to box.

List Price \$.76

Resale Price \$.67

Weight 11 ozs.



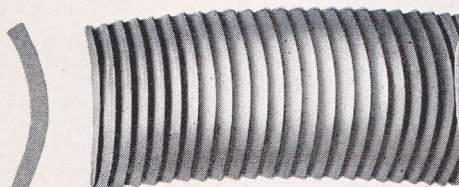
No. 155—Special Round Cornered File.

Files 2 3/4" long. Packed 1/2 doz. to box.

List Price \$.76

Resale Price \$.67

Weight 10 ozs.



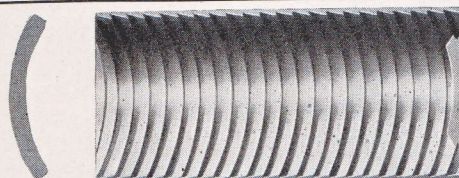
No. 156—Special Half Round Bent File (shell shape).

Files 2 3/4" long. Packed 1/2 doz. to box.

List Price \$.76

Resale Price \$.67

Weight 9 ozs.



No. 157—Special Half Round File (molding shape).

Files 2 3/4" long. Packed 1/2 doz. to box.

List Price \$.76

Resale Price \$.67

Weight 10 ozs.

Set No. 158—Includes holder and No. 155 file  
List Price \$2.73      Resale Price \$2.39  
Weight 12 ozs.

Set No. 159—Includes holder and five assorted files  
List Price \$5.77      Resale Price \$5.05  
Weight 1 lb. 2 ozs.

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Printed in U. S. A.

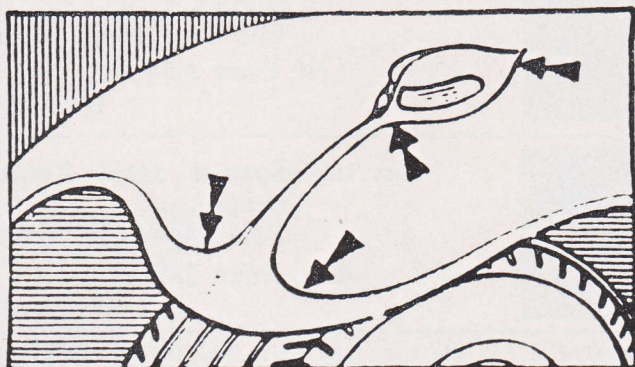
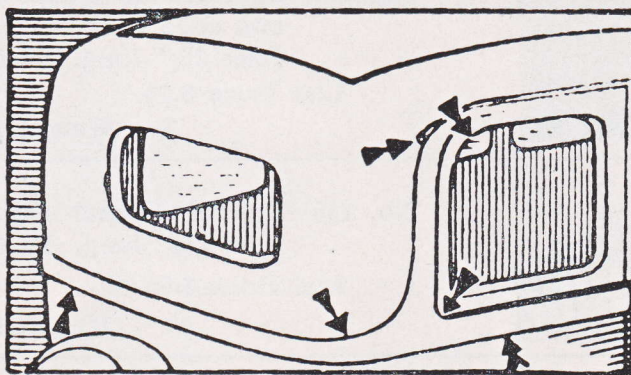
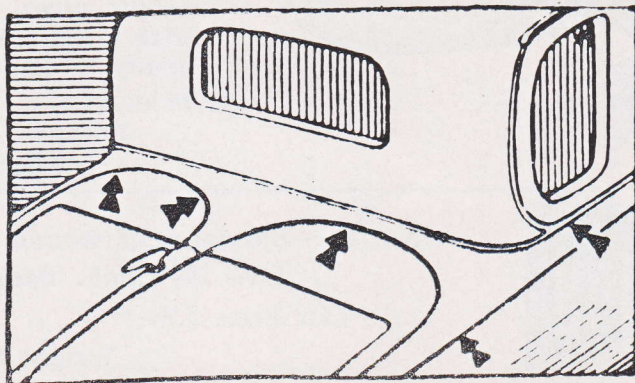
Form No. 101A



# HELLER "VIXEN" REVEAL TOOLS

Specially designed to get into small corners,  
ledges, etc, without damage to other parts.

*The illustrations below show some of the uses for the VIXEN REVEAL TOOL*



"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Form No. 101A

Printed in U. S. A.





## JOBBER'S NET PRICES

September 22, 1948

# HELLER IGNITION FILES

THIS APPLIES TO CATALOG SHEET FORM NO. 103

### PATENTED POCKET CLIP IGNITION FILES

#### 5" PATENTED POCKET CLIP

One Dozen on Card—Twelve Cards in Carton.....\$11.50 Net

#### 5" PATENTED POCKET CLIP

One Dozen in Box—Twelve Boxes to Gross..... 10.75 Net

#### 5" PATENTED POCKET CLIP

Bulk, Twelve Dozen in Carton.....10.60 Net

### STRAIGHT HANDLE IGNITION FILES

#### 5" STRAIGHT HANDLE

One Dozen on Card—Twelve Cards in Carton..... \$7.55 Net

#### 5" STRAIGHT HANDLE

One Dozen in Box—Twelve Boxes to Gross..... 7.35 Net

#### 5" STRAIGHT HANDLE

Bulk, Twelve Dozen in Carton..... 7.20 Net

**Terms of Payment:** 30 days net, or 2% for cash on 10th of month, covering all invoices of preceding month's date. Remittance must bear postmark not later than 10th of month.

**Terms of Delivery:** On all shipments of Tungsten Point Files, our terms will be f. o. b. shipping point with freight allowed at not to exceed lowest rate to destination, on shipments of 75 lbs. or more. No allowance of any kind will be made on shipments less than 75 lbs. or on shipments made by parcel post or express.

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.

Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 103D









# HELLER

## BROTHERS COMPANY

**POCKET CLIP  
IGNITION FILES**

September 22, 1948

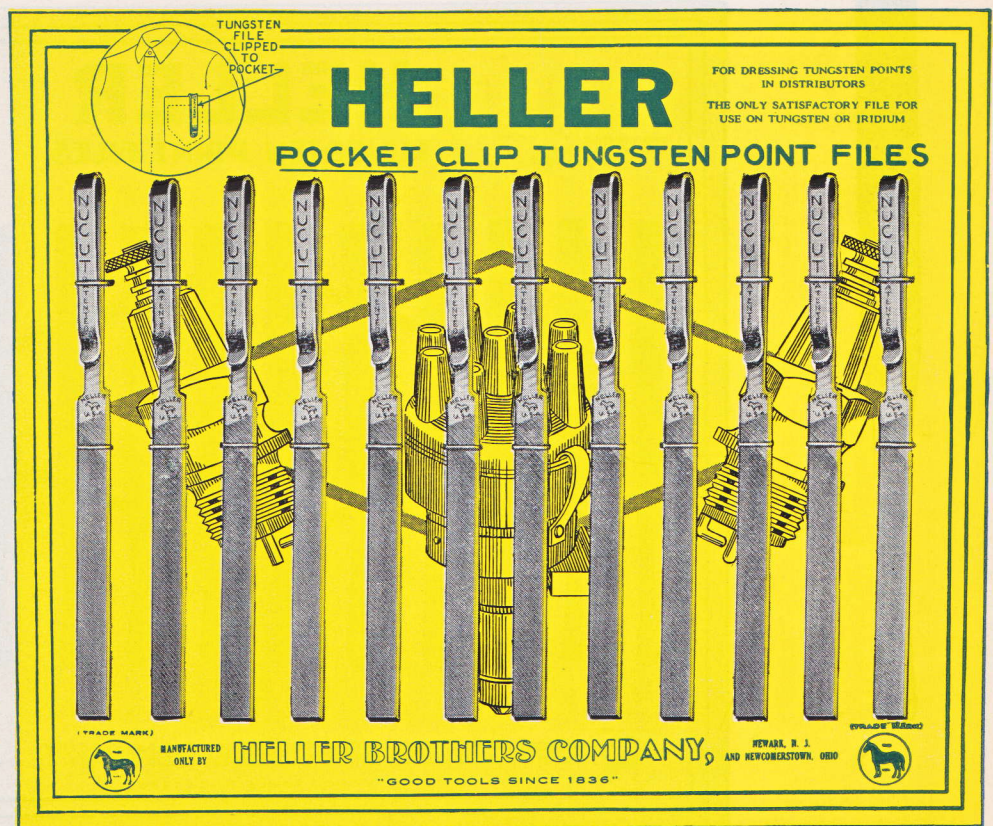
### PATENTED POCKET CLIP IGNITION FILES

For dressing contact points in distributors, spark  
plugs, magnetos, switches, vibrators, relays, etc.

Made in 5" length



The above is an illustration of the HELLER patented POCKET CLIP IGNITION File.



One (1) Dozen on Counter Display Card, twelve (12) cards in carton

One (1) Dozen in box, twelve (12) boxes to gross

Bulk, twelve (12) Dozen in carton

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 103



**STRAIGHT HANDLE  
IGNITION FILES**



# HELLER

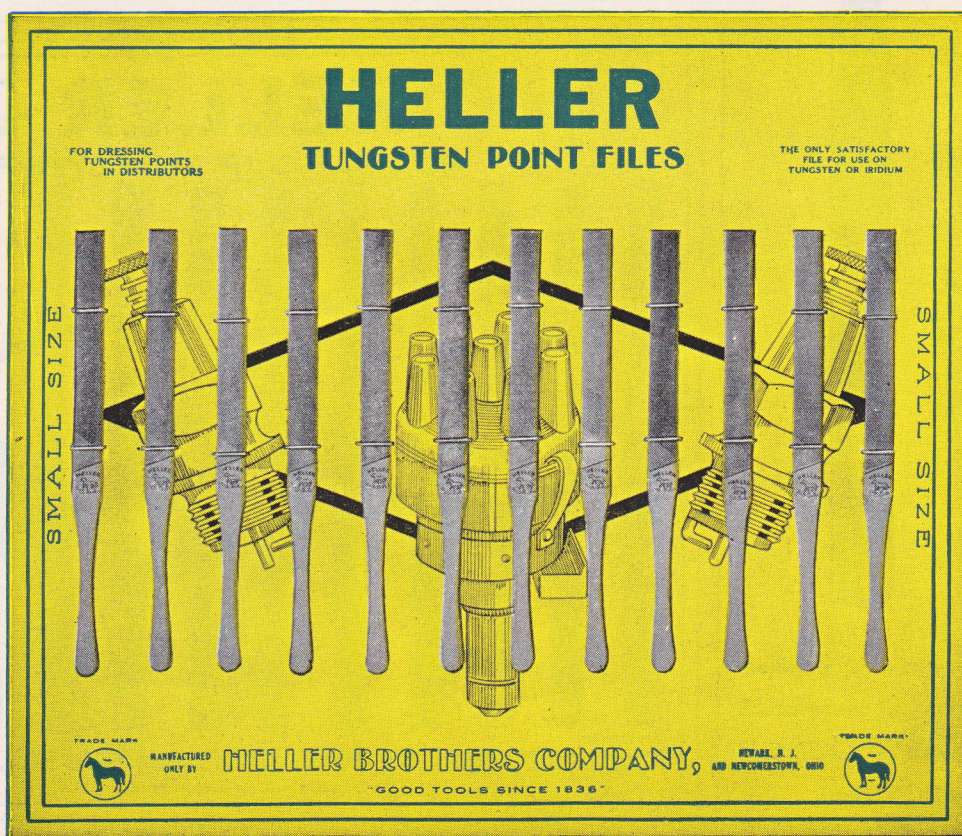
**BROTHERS COMPANY**

September 22, 1948

## STRAIGHT HANDLE IGNITION FILES

These files are double cut. They are guaranteed to give full satisfaction.

Made in 5" length



One (1) Dozen on Counter Display Card, twelve (12) cards in carton

One (1) Dozen in box, twelve (12) boxes to gross

Bulk, twelve (12) Dozen in carton

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.

Plants at Newark, N. J., and Newcomertown, Ohio





## JOBBER'S DISCOUNT SHEET

April 24, 1946

### **HELLER VOLTAGE REGULATOR FILES No. 2470**

LIST PRICE—\$7.00 per dozen.

(See Suggested Resale Catalog Sheet Form No. 178)

DISCOUNT—30-5% off \$7.00 list.

RESALE PRICE—\$.58 each file.

—O—

### **HELLER VOLTAGE REGULATOR RIFFLERS No. 1997**

LIST PRICE—\$9.84 per dozen.

(See Suggested Resale Catalog Sheet Form No. 178)

DISCOUNT—50% off \$9.84 list.

RESALE PRICE—\$.82 each file.

**FREIGHT ALLOWANCE:** On all shipments of VOLTAGE REGULATOR FILES and RIFFLERS, our terms will be F. O. B. shipping point with freight allowed not to exceed lowest rate to destination, on shipments of 75 pounds or more. No allowance of any kind will be made on shipments weighing less than 75 pounds or on shipments made by parcel post or express.

**TERMS:** 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

**CONDITIONS:** Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

*"Good Tools Since 1836"*

# **HELLER BROTHERS COMPANY**

General Offices—Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 178-D.









# HELLER

## BROTHERS COMPANY

**VOLTAGE  
REGULATOR  
FILES NO. 2470**

### **SUGGESTED RESALE PRICE SHEET**

April 24, 1946

Generally used for **VOLTAGE REGULATORS, CIRCUIT BREAKERS, RELAY COILS,** and other **ELECTRICAL CONTACT POINTS** requiring an **EXTRA THIN FILE** with **FINE CUT** to give a **SMOOTH FINISH**

**5" OVERALL—5/16" WIDE—.015" THICK**

**HELLER**

**VOLTAGE REGULATOR FILE**  
**NO. 2470**  
FOR DRESSING CONDENSOR BREAKER AND  
OTHER ELECTRICAL POINTS REQUIRING  
EXTRA THIN FILE WITH FINE CUT TO GIVE SMOOTH FINISH



CAUTION: LOOSEN - STAPLES - BEFORE - REMOVING FILES

MANUFACTURED BY  
**HELLER BROTHERS COMPANY**  
NEWARK 4, N. J. AND NEWCOMERTOWN, OHIO  
"GOOD TOOLS SINCE 1836"



One dozen on a card for **COUNTER DISPLAY** (as illustrated above)  
or packaged one dozen to a **BOX**

**Net Resale Price Per File 58 Cents**

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomertown, Ohio

Printed in U. S. A.

Form No. 178



**VOLTAGE  
REGULATORS  
RIFFLERS No. 1997**



# HELLER

**BROTHERS COMPANY**

**SUGGESTED RESALE PRICE SHEET**

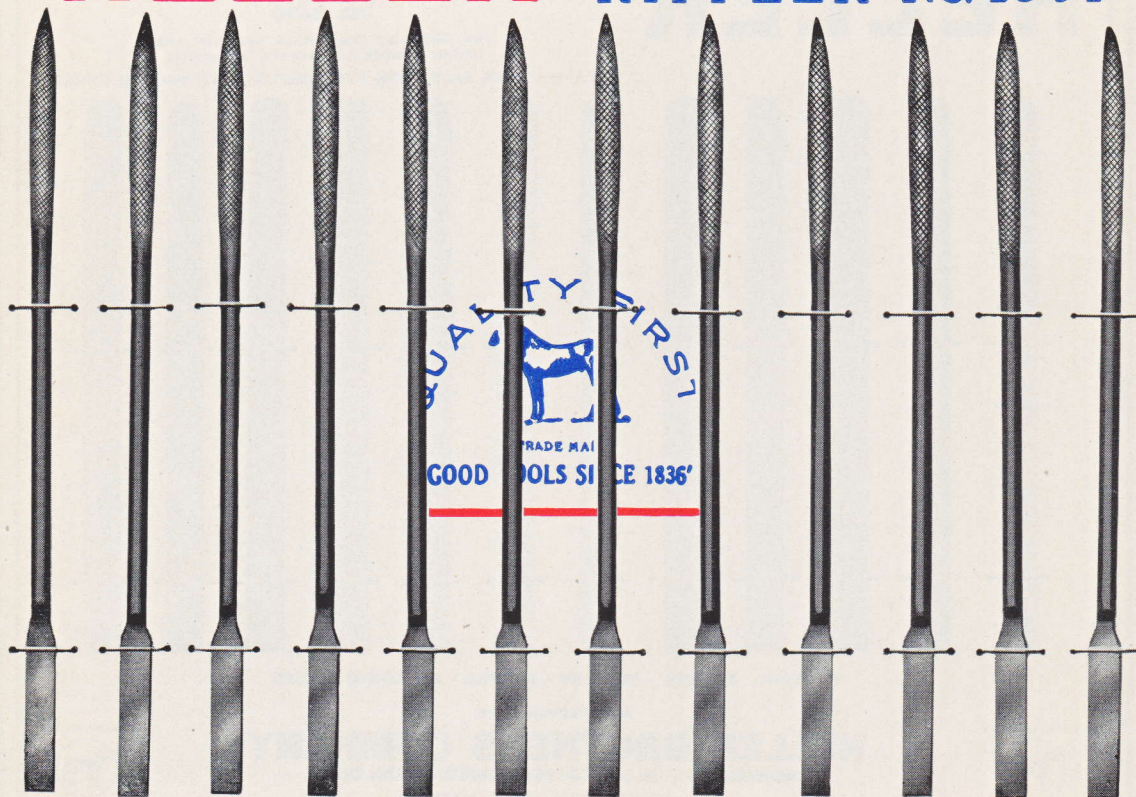
April 24, 1946

**THIS VOLTAGE REGULATOR RIFFLER is RECOMMENDED for REMOVING PITS and CORROSION from the CONTACT POINTS and also for FILING THEM to a SMOOTH FINISH.**

**LENGTH 6" OVERALL**

## HELLER

**VOLTAGE REGULATOR  
RIFFLER No. 1997**



## HELLER BROTHERS COMPANY

**NEWARK 4, NEW JERSEY**

**NEWCOMERSTOWN, OHIO**

**One dozen on a card for COUNTER DISPLAY (as illustrated above)  
or packaged one dozen to a BOX**

**Net Resale Price Per File 82 Cents**

**"Good Tools Since 1836"**

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Form No. 178

Printed in U. S. A.





# JOBBER'S DISCOUNT SHEET

August 1, 1949

## AUTOMOTIVE TOOLS

Applying to Catalog Sheets Form Nos. 154, 154SA and 154SB

		DISCOUNT
H A M M E R S		
BUMPING	Nos. 402 — 402 A	
DINGING	" 400 — 400 A	50% off list
FENDER ROUGHING	" 418 — 418 A	
FINISHING	" 447 — 444 — 445	
TRIMMERS		
MAGNETIC (WITH CLAW)	No. 404	
MAGNETIC (WITHOUT CLAW)	" 404 A	50% off list
CLAW (ONLY)	" 404 B	
	" 404 C	
DOLLY BLOCKS	Nos. 408 — 409 — 410 — 411 — 412 — 412 A	50% off list
	" 413 — 414 — 415	
SPOONS	Nos. 422 — 423 — 424 — 425 — 427	50% off list
CRAFTMASTER SCRAPER	No. 428	
SET REPLACEMENT BLADES	" 428A	50% off list
BODY BUMPING FILES	Nos. 2088 — 2089 — 2090	50% off list
	Set 2612	
VIXEN MILLED CURVED TOOTH FILES		
		12½-20-10% off list
VIXEN REVEAL TOOLS		
		12½-20-10% off list
ADJUSTABLE FLEXIBLE FILE HOLDER No. 472		
		12½-20-10% off list
CHISELS		
		25% off list
PUNCHES		
		25% off list
TIRE HAMMERS		
		25% off list
BALL PEIN HAMMERS		
		25% off list
F I L E S		
HELLER NUCUT BRAND	}	GRADE A FILES For list and resale prices on these files Use Catalog Sheet Form No. 154 SA
HELLER BRAND		
SUPER DUTY BRAND		
JOHNSON BRAND	}	GRADE B FILES For list and resale prices on these files Use Catalog Sheet Form No. 154 SB
REX BRAND		
BLACK KING BRAND		
BLUE STAR BRAND		
IGNITION POINT FILES		
5" PATENTED POCKET CLIP	One Dozen on Card—Twelve Cards in Carton	\$11.50 Net
5" PATENTED POCKET CLIP	One Dozen in Box—Twelve Boxes to Gross	10.75 Net
5" PATENTED POCKET CLIP	Bulk, Twelve Dozen in Carton	10.60 Net
5" STRAIGHT HANDLE	One Dozen on Card—Twelve Cards in Carton	7.55 Net
5" STRAIGHT HANDLE	One Dozen in Box—Twelve Boxes to Gross	7.35 Net
5" STRAIGHT HANDLE	Bulk, Twelve Dozen in Carton	7.20 Net
MASTERENCHES		
PIPE JAWS	(Polished Finish)	
PIPE JAWS	(Black Parkerized Finish)	50% off list
SMOOTH JAWS	(Polished Finish)	
SMOOTH JAWS	(Black Parkerized Finish)	

SEE REVERSE SIDE FOR FREIGHT TERMS

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 154-D.H.



August 1, 1935

**AUTOMOTIVE TOOLS**

Applying to Catalog Sheets Form Nos. 124, 124A and 124B



**DISCOUNT**

20% off list

**FREIGHT TERMS**

20% off list

**Automotive Body Tools:** Full freight allowed at lowest transportation rate to destination on shipments weighing 100 lbs. or more.

20% off list

20% off list

**Ball Pein—Tire Hammers—Chisels and Punches:** Freight equalized with nearest competitor on shipments weighing 100 lbs. or more.

20% off list

20% off list

20% off list

**Files and Rasps:** Full freight allowed at lowest transportation rate to destination on shipments of 150 lbs. or more.

20% off list

20% off list

**Vixen Files and Ignition Files:** Freight allowed at lowest transportation rate to destination on shipments weighing 75 lbs. or more of each kind.

20-25-10% off list

20-25-10% off list

**Masterenches:** Freight allowed up to 50 cents CWT. on shipments weighing 100 lbs. or more.

20-25-10% off list

\$11.30 Net

10.75 Net

10.60 Net

7.35 Net

7.35 Net

7.20 Net

20% off list

SEE REVERSE SIDE FOR FREIGHT TERMS

"Good Tools Since 1836"

**HELLER BROTHERS COMPANY**

General Offices—Newark & N. J. Plants at Newark, N. J. and Newcomertown, Ohio

Form No. 124-D.H.

Printed in U. S. A.





# HELLER

## BROTHERS COMPANY

### AUTOMOTIVE TOOLS

August 1, 1949

## LIST AND SUGGESTED RESALE PRICE SHEET

Applying to Catalog Sheet Form No. 154

Item No.	List Price Dozen	Description	Net Resale Price Each
<b>HAMMERS (Page No. 1)</b>			
402	\$30.00	14 oz. Bumping	\$2.50
402A	26.40	8 oz. Bumping	2.20
400	34.80	13 oz. Dinging	2.90
400A	34.80	10 oz. Dinging	2.90
418	54.00	3 lb. Fender Roughing	4.50
418A	42.00	2 lb. Fender Roughing	3.50

<b>HAMMERS (Page No. 2)</b>			
447	\$32.40	8 oz. Finishing	\$2.70
444	32.40	8 oz. Finishing	2.70
445	32.40	8 oz. Finishing	2.70

<b>HAMMERS (Page No. 3)</b>			
404	\$20.40	7 oz. Trimmers	\$1.70
404A	31.20	7 oz. Magnetic Trimmers or Upholsterer's (with Claw)	2.60
404B	27.60	7 oz. Magnetic Trimmers or Upholsterer's (without Claw)	2.30
404C	3.60	Claw (Only)	.30

<b>DOLLY BLOCKS (Page No. 4)</b>			
408	\$34.80	Egg	\$2.90
409	34.80	Wedge	2.90
410	34.80	General Purpose	2.90
411	54.00	Rail	4.50
412	34.80	Hand Hold	2.90
412A	22.80	Fender Bracket	1.90
413	34.80	Panel	2.90
414	34.80	Special Fender	2.90
415	54.00	Roughout	4.50

<b>AUTO BODY SPOONS (Page No. 5)</b>			
422	\$36.00	Drop Forged	\$3.00
423	36.00	Drop Forged	3.00
424	36.00	Drop Forged	3.00
425	39.60	Drop Forged	3.30
427	36.00	Drop Forged	3.00

<b>CRAFTMASTER SCRAPER (Page No. 5)</b>			
428		Craftmaster Scraper	\$1.80
428A		Set Replacement Blades	1.40

Item No.	List Price Dozen	Description	Net Resale Price Each
<b>BODY BUMPING FILES (Page No. 5)</b>			
2088	\$13.20	Flat Coarse Cut	\$1.10
2089	13.20	Flat Medium Cut	1.10
2090	13.20	Half Round Medium Cut	1.10
2612	39.60	Set One (1) of each	3.30

<b>VIXEN MILLED CURVED TOOTH FILES (Page No. 6)</b>			
\$35.00	14" Flexible Babbitt	\$2.55	
19.50	8" Flexible Standard Cut	1.40	
24.50	10" Flexible Standard Cut	1.80	
29.50	12" Flexible Standard Cut	2.15	
35.00	14" Flexible Standard Cut	2.55	
18.70	8" Flat Standard Cut	1.40	
22.80	10" Flat Standard Cut	1.65	
27.40	12" Flat Standard Cut	2.00	
32.30	14" Flat Standard Cut	2.35	
21.90	8" Half Round Standard Cut (Shell Shape)	1.60	
25.80	10" Half Round Standard Cut (Shell Shape)	1.90	
30.70	12" Half Round Standard Cut (Shell Shape)	2.25	
36.00	14" Half Round Standard Cut (Shell Shape)	2.65	

Item No.	List Price Each	Description	Net Resale Price Each
<b>VIXEN REVEAL TOOLS (Page No. 6)</b>			
152	\$1.97	Reveal Tool Holder (Holder Only)	\$1.72
153	.76	Special Half Round File (Shell Shape)	.67
154	.76	Special Flat Square cornered File with one edge bent	.67
155	.76	Special Round Cornered File	.67
156	.76	Special Half Round Bent File (Shell Shape)	.67
157	.76	Special Half Round File (Molding Shape)	.67
158	2.73	Set Includes Holder and No. 155 File	2.39
159	5.77	Set Includes Holder and five Assorted Files	5.05



Item No.	List Price Dozen	Description	Net Resale Price Each
<b>HOLDER (Page No. 6)</b>			
472	\$37.40	Adjustable Flexible File Holder	<b>\$2.75</b>

**HAND COLD CHISELS (Page No. 7)**

		Size of Stock	Width of Bit	Length	
85	\$2.00	1/4"	5/8"	5"	<b>\$2.25</b>
	2.00	1/8"	3/8"	5"	<b>.25</b>
	2.52	3/8"	7/8"	5 1/2"	<b>.30</b>
	3.02	1/8"	1/2"	6"	<b>.38</b>
	3.02	1/2"	5/8"	6"	<b>.38</b>
	3.90	5/8"	3/4"	6 1/2"	<b>.50</b>
	4.92	3/4"	7/8"	7 1/2"	<b>.60</b>
	6.39	7/8"	1"	8"	<b>.80</b>
	7.85	1"	1 1/8"	8 1/2"	<b>.98</b>

Sold by Size of Stock

**HAND COLD CHISELS (Page No. 7)**

Extra Length

		Size of Stock	Width of Bit	Length	
85	\$5.42	1/2"	5/8"	12"	<b>\$6.68</b>
	5.91	5/8"	3/4"	12"	<b>.74</b>
	6.88	3/4"	7/8"	12"	<b>.86</b>
	9.85	7/8"	1"	12"	<b>1.23</b>
	10.82	1"	1 1/8"	12"	<b>1.35</b>
	9.85	3/4"	7/8"	18"	<b>1.23</b>
	11.82	7/8"	1"	18"	<b>1.48</b>
	14.77	1"	1 1/8"	18"	<b>1.84</b>
	15.76	7/8"	1"	24"	<b>1.97</b>
	19.70	1"	1 1/8"	24"	<b>2.46</b>

Sold by Size of Stock

**CAPE CHISELS (Page No. 7)**

		Size of Stock	Width of Bit	Length	
86	\$3.09	1/4"	1/8"	5"	<b>\$3.38</b>
	3.09	3/8"	3/8"	5"	<b>.38</b>
	4.13	1/2"	1/4"	6"	<b>.50</b>
	4.13	1/2"	1/8"	7"	<b>.50</b>
	5.16	5/8"	3/8"	7"	<b>.65</b>
	6.19	3/4"	1/2"	7 1/2"	<b>.77</b>
	7.22	7/8"	5/8"	8"	<b>.90</b>
	8.25	1"	3/4"	8 1/2"	<b>1.03</b>

Sold by Size of Bit

**ROUND NOSE CHISELS (Page No. 7)**

		Size of Stock	Width of Bit	Length	
87	\$4.13	1/2"	1/4"	6"	<b>\$5.50</b>
	4.13	1/2"	1/8"	7"	<b>.50</b>
	5.16	5/8"	3/8"	7"	<b>.65</b>
	6.19	3/4"	1/2"	7 1/2"	<b>.77</b>
	7.22	7/8"	5/8"	8"	<b>.90</b>
	8.25	1"	3/4"	8 1/2"	<b>1.03</b>

Sold by Size of Bit

**DIAMOND POINT CHISELS (Page No. 7)**

		Size of Stock	Width of Bit	Length	
88	\$4.13	1/2"	1/4"	6"	<b>\$5.50</b>
	4.13	1/2"	1/8"	7"	<b>.50</b>
	5.16	5/8"	3/8"	7"	<b>.65</b>
	6.19	3/4"	1/2"	7 1/2"	<b>.77</b>
	7.22	7/8"	5/8"	8"	<b>.90</b>
	8.25	1"	3/4"	8 1/2"	<b>1.03</b>

Sold by Size of Bit

**HAND PUNCHES (Page No. 7)**

		Size of Stock	Width of Bit	Length	
89	\$1.69	1/4"	1/32"	5"	<b>\$1.19</b>
	1.82	1/4"	1/16"	5 1/2"	<b>.22</b>
	3.09	3/8"	1/8"	7 1/2"	<b>.38</b>
	3.94	1/2"	1/8"	8"	<b>.49</b>
	5.91	5/8"	1/4"	8 1/2"	<b>.73</b>
	8.30	3/4"	1/8"	9"	<b>1.03</b>

**DRIFT PUNCHES AND LINING UP BARS**

(Page No. 7)

		Length	Size of Stock	Width of Bit	
420	\$2.81	5"	1/4" x 1/4"	1/8"	<b>\$3.35</b>
421	3.75	6"	1/8" x 1/8"	1/8"	<b>.46</b>
422	4.69	8"	3/8" x 1/8"	1/8"	<b>.58</b>
423	6.56	9"	1/2" x 1/4"	1/8"	<b>.82</b>
424	8.44	11"	5/8" x 1/8"	1/8"	<b>1.05</b>
425	10.32	16"	3/8" x 1/8"	1/8"	<b>1.29</b>



Item No.	List Price Dozen	Description	Net Resale Price Each
----------	------------------	-------------	-----------------------

**RIVET PUNCHES (Page No. 7)**

		Length	Size of Stock	Width of Bit	
430	\$2.81	4"	x 1/8"	x 1/8"	<b>\$3.35</b>
431	3.75	5"	x 3/8"	x 1/8"	<b>.46</b>
432	4.69	6"	x 1/2"	x 1/8"	<b>.58</b>
433	5.63	7"	x 5/8"	x 1/4"	<b>.70</b>
434	6.56	11"	x 5/8"	x 1/4"	<b>.82</b>

**PIN PUNCHES (Page No. 7)**

		Width of Bit	Size of Stock	Length	
440	\$2.81	3/32"x	1/4"	x 4 1/8"	<b>\$3.35</b>
441	2.81	1/8"	x 1/8"	x 4 3/4"	<b>.35</b>
442	3.75	5/32"x	3/8"	x 5 1/4"	<b>.46</b>
443	3.75	1/8"	x 1/8"	x 5 5/8"	<b>.46</b>
444	4.69	1/4"	x 1/2"	x 6 1/8"	<b>.58</b>
445	4.69	1/8"	x 1/2"	x 6 5/8"	<b>.58</b>

Assorted box of Six Nos. 440 to 445 inclusive **2.78**

**CENTER PUNCHES (Page No. 7)**

		Length	Size of Stock	
450	\$2.81	4"	x 1/8"	<b>\$3.35</b>
451	3.75	5"	x 3/8"	<b>.46</b>
452	3.75	5 1/2"	x 1/2"	<b>.46</b>

**TIRE HAMMERS (Page No. 7)**

303	\$22.00	Polished Finish	<b>\$2.75</b>
303B	20.00	Black Finish	<b>2.50</b>

Item No.	List Price Dozen	Description	Net Resale Price Each
----------	------------------	-------------	-----------------------

**MACHINISTS' BALL PEIN HAMMERS**

(Page No. 7)

		Polished Finish	
		Pounds	
797	\$12.00	1/3	<b>\$1.50</b>
798	12.00	1/4	<b>1.50</b>
800	12.40	1/2	<b>1.55</b>
801	12.80	3/4	<b>1.60</b>
802	13.20	1	<b>1.65</b>
803	14.80	1 1/4	<b>1.85</b>
804	15.20	1 1/2	<b>1.90</b>
806	17.60	2	<b>2.20</b>
808	19.60	2 1/2	<b>2.45</b>
810	21.60	3	<b>2.70</b>

**MACHINISTS' BALL PEIN HAMMERS**

(Page No. 7)

		Black Finish	
		Pounds	
798B	\$9.10	1/4	<b>\$1.15</b>
800B	9.60	1/2	<b>1.20</b>
801B	10.00	3/4	<b>1.25</b>
802B	10.40	1	<b>1.30</b>
803B	12.00	1 1/4	<b>1.50</b>
804B	12.40	1 1/2	<b>1.55</b>
806B	14.40	2	<b>1.80</b>
808B	16.40	2 1/2	<b>2.05</b>
810B	19.10	3	<b>2.40</b>

**MACHINISTS' BALL PEIN HAMMERS**

(Page No. 7)

		Black Finish	
		Pounds	
801C	\$9.20	3/4	<b>\$1.15</b>
802C	9.60	1	<b>1.20</b>
803C	10.80	1 1/4	<b>1.35</b>
804C	11.60	1 1/2	<b>1.45</b>
806C	12.80	2	<b>1.60</b>



List Price      Size      Kind      Net Resale  
Dozen      Price Each

(Page No. 8)

**GRADE A FILES****HELLER NUCUT, HELLER, SUPER DUTY**

\$3.00	4"	Mill Bastard	\$3.30
3.50	6"	" "	.35
3.90	7"	" "	.40
4.30	8"	" "	.45
5.60	10"	" "	.55
7.50	12"	" "	.70
10.70	14"	" "	1.00
14.70	16"	" "	1.40

\$4.00	6"	Mill 2nd Cut	\$4.40
4.90	8"	" " "	.50
6.40	10"	" " "	.60
8.60	12"	" " "	.80
12.20	14"	" " "	1.20

\$4.50	6"	Mill Smooth	\$4.45
5.40	8"	" "	.55
7.00	10"	" "	.70
9.40	12"	" "	.90
13.10	14"	" "	1.25

\$3.70	4"	Flat Bastard	\$4.40
4.30	6"	" "	.45
5.30	8"	" "	.50
7.00	10"	" "	.65
9.70	12"	" "	.95
13.30	14"	" "	1.25
17.80	16"	" "	1.70
23.90	18"	" "	2.30

\$4.30	4"	Flat 2nd Cut	\$4.43
4.80	6"	" " "	.47
6.10	8"	" " "	.60
8.10	10"	" " "	.75
11.00	12"	" " "	1.05
15.30	14"	" " "	1.45
20.10	16"	" " "	1.90

\$4.70	4"	Flat Smooth	\$4.45
5.30	6"	" "	.50
6.60	8"	" "	.65
8.70	10"	" "	.85
12.10	12"	" "	1.15
16.70	14"	" "	1.60
22.30	16"	" "	2.15

\$4.80	4"	Half Round Bastard	\$4.45
6.10	6"	" " "	.60
7.50	8"	" " "	.70
9.10	10"	" " "	.90
11.80	12"	" " "	1.15
15.50	14"	" " "	1.50
20.60	16"	" " "	1.95

List Price      Size      Kind      Net Resale  
Dozen      Price Each

(Page No. 8)

**GRADE A FILES****HELLER NUCUT, HELLER, SUPER DUTY**

\$6.10	4"	Half Round Smooth	\$6.60
7.10	6"	" " "	.70
8.90	8"	" " "	.85
10.70	10"	" " "	1.05
13.90	12"	" " "	1.35
18.30	14"	" " "	1.75
24.20	16"	" " "	2.30

\$5.60	4"	Half Round 2nd Cut	\$5.55
6.70	6"	" " "	.65
8.30	8"	" " "	.80
10.10	10"	" " "	1.00
13.00	12"	" " "	1.25
17.00	14"	" " "	1.65
22.50	16"	" " "	2.15

\$3.00	4"	Round Bastard	\$3.30
3.50	6"	" "	.35
3.90	7"	" "	.40
4.30	8"	" "	.45
5.60	10"	" "	.55
7.50	12"	" "	.70
10.70	14"	" "	1.05
14.70	16"	" "	1.40

\$3.50	4"	Round 2nd Cut	\$3.35
4.00	6"	" " "	.40
4.90	8"	" " "	.50
6.40	10"	" " "	.60
8.60	12"	" " "	.80
12.20	14"	" " "	1.20

\$3.90	4"	Round Smooth	\$4.40
4.50	6"	" "	.45
5.40	8"	" "	.55
7.00	10"	" "	.70
9.40	12"	" "	.90
13.10	14"	" "	1.25

\$3.80	4"	Square Bastard	\$4.40
4.60	6"	" "	.45
5.50	8"	" "	.55
7.40	10"	" "	.70
10.20	12"	" "	1.00
13.90	14"	" "	1.35
18.70	16"	" "	1.80
25.10	18"	" "	2.40

\$4.60	4"	Square 2nd Cut	\$4.45
5.10	6"	" " "	.50
6.30	8"	" " "	.60
8.50	10"	" " "	.80
11.50	12"	" " "	1.10
16.10	14"	" " "	1.55



List Price Dozen	Size	Kind	Net Resale Price Each
---------------------	------	------	--------------------------

(Page No. 8)

## GRADE A FILES

## HELLER NUCUT, HELLER, SUPER DUTY

\$4.90	4"	Square Smooth	\$ .50
5.50	6"	" "	.57
7.00	8"	" "	.70
9.10	10"	" "	.90
12.80	12"	" "	1.25
17.50	14"	" "	1.70

\$4.00	4"	Warding Bastard	\$ .40
4.90	6"	" "	.50
6.40	8"	" "	.60
8.70	10"	" "	.85

\$2.20	4"	Slim Taper	\$ .25
2.30	4 1/2"	" "	.25
2.50	5"	" "	.30
3.10	6"	" "	.35
3.80	7"	" "	.40
4.50	8"	" "	.45
6.40	10"	" "	.60

\$2.20	4"	Extra Slim Taper	\$ .25
2.30	4 1/2"	" "	.25
2.50	5"	" "	.30
2.90	5 1/2"	" "	.30
3.10	6"	" "	.35
3.80	7"	" "	.40
4.50	8"	" "	.45

\$6.30	8"	Flat Lead Float	\$ .60
8.60	10"	" "	.80
11.80	12"	" "	1.15

\$8.10	6"	Hf. Rd. Wood Rasps Bastard	\$ .80
10.10	8"	" "	.95
13.70	10"	" "	1.30
18.70	12"	" "	1.80
24.80	14"	" "	2.35
32.90	16"	" "	3.15

List Price Each	Size	Description	Net Resale Price Each
--------------------	------	-------------	--------------------------

## MASTERENCHES (Page No. 8)

## Smooth Jaws for Nuts and Bolts

\$1.25	6"	Smooth Jaw Polished	\$1.25
1.60	8"	Smooth Jaw Polished	1.60
2.10	10"	Smooth Jaw Polished	2.10
3.35	14"	Smooth Jaw Polished	3.35
\$1.05	6"	Smooth Jaw Black	1.05
1.25	8"	Smooth Jaw Black	1.25
1.70	10"	Smooth Jaw Black	1.70
2.75	14"	Smooth Jaw Black	2.75
4.40	18"	Smooth Jaw Black	4.40

## MASTERENCHES

## Pipe Wrenches with Teeth for Use on Pipe

\$1.30	6"	Pipe Jaw Polished	\$1.30
1.70	8"	Pipe Jaw Polished	1.70
2.30	10"	Pipe Jaw Polished	2.30
3.75	14"	Pipe Jaw Polished	3.75
\$1.10	6"	Pipe Jaw Black	1.10
1.35	8"	Pipe Jaw Black	1.35
1.95	10"	Pipe Jaw Black	1.95
3.05	14"	Pipe Jaw Black	3.05
4.55	18"	Pipe Jaw Black	4.55

Net Resale  
Price

## IGNITION POINT FILES

## 5" Patented Pocket Clip

One Dozen on a Card.....	\$.....
One Dozen in a Box.....	\$.....
Per File.....	\$.....

## 5" Straight Handle

One Dozen on a Card.....	\$.....
One Dozen in a Box.....	\$.....
Per File.....	\$.....

HELLER BROTHERS COMPANY

General Offices—Newark &amp; N. J. Plants at Newark, N. J. and Newcomertown, Ohio

Printed in U.S.A.

FORM NO. 154 SA



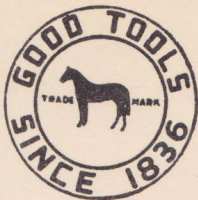
HELLER NUCUT, HELLER SUPER DUTY				MASTERENCHES			
Size	Length	Weight	Price	Size	Length	Weight	Price
4"	10"	1.25	17.50	6"	10"	1.75	21.50
6"	10"	1.75	21.50	8"	10"	2.25	25.50
8"	10"	2.25	25.50	10"	10"	2.75	29.50
10"	10"	2.75	29.50	12"	10"	3.25	33.50
12"	10"	3.25	33.50	14"	10"	3.75	37.50
14"	10"	3.75	37.50	16"	10"	4.25	41.50
16"	10"	4.25	41.50	18"	10"	4.75	45.50
18"	10"	4.75	45.50	20"	10"	5.25	49.50
20"	10"	5.25	49.50	22"	10"	5.75	53.50
22"	10"	5.75	53.50	24"	10"	6.25	57.50
24"	10"	6.25	57.50	26"	10"	6.75	61.50
26"	10"	6.75	61.50	28"	10"	7.25	65.50
28"	10"	7.25	65.50	30"	10"	7.75	69.50
30"	10"	7.75	69.50	32"	10"	8.25	73.50
32"	10"	8.25	73.50	34"	10"	8.75	77.50
34"	10"	8.75	77.50	36"	10"	9.25	81.50
36"	10"	9.25	81.50	38"	10"	9.75	85.50
38"	10"	9.75	85.50	40"	10"	10.25	89.50
40"	10"	10.25	89.50	42"	10"	10.75	93.50
42"	10"	10.75	93.50	44"	10"	11.25	97.50
44"	10"	11.25	97.50	46"	10"	11.75	101.50
46"	10"	11.75	101.50	48"	10"	12.25	105.50
48"	10"	12.25	105.50	50"	10"	12.75	109.50
50"	10"	12.75	109.50	52"	10"	13.25	113.50
52"	10"	13.25	113.50	54"	10"	13.75	117.50
54"	10"	13.75	117.50	56"	10"	14.25	121.50
56"	10"	14.25	121.50	58"	10"	14.75	125.50
58"	10"	14.75	125.50	60"	10"	15.25	129.50
60"	10"	15.25	129.50	62"	10"	15.75	133.50
62"	10"	15.75	133.50	64"	10"	16.25	137.50
64"	10"	16.25	137.50	66"	10"	16.75	141.50
66"	10"	16.75	141.50	68"	10"	17.25	145.50
68"	10"	17.25	145.50	70"	10"	17.75	149.50
70"	10"	17.75	149.50	72"	10"	18.25	153.50
72"	10"	18.25	153.50	74"	10"	18.75	157.50
74"	10"	18.75	157.50	76"	10"	19.25	161.50
76"	10"	19.25	161.50	78"	10"	19.75	165.50
78"	10"	19.75	165.50	80"	10"	20.25	169.50
80"	10"	20.25	169.50	82"	10"	20.75	173.50
82"	10"	20.75	173.50	84"	10"	21.25	177.50
84"	10"	21.25	177.50	86"	10"	21.75	181.50
86"	10"	21.75	181.50	88"	10"	22.25	185.50
88"	10"	22.25	185.50	90"	10"	22.75	189.50
90"	10"	22.75	189.50	92"	10"	23.25	193.50
92"	10"	23.25	193.50	94"	10"	23.75	197.50
94"	10"	23.75	197.50	96"	10"	24.25	201.50
96"	10"	24.25	201.50	98"	10"	24.75	205.50
98"	10"	24.75	205.50	100"	10"	25.25	209.50
100"	10"	25.25	209.50				

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio





# HELLER

## BROTHERS COMPANY

August 1, 1949

~~August 30, 1948~~

### AUTOMOTIVE FILES

## LIST AND SUGGESTED RESALE PRICE SHEET GRADE B FILES

JOHNSON, REX, BLACK KING AND BLUE STAR BRANDS

List Price Dozen	Length	Kind	Net Resale Price Each
\$3.00	4"	Mill Bastard	.25
3.50	6"	" "	.30
3.90	7"	" "	.35
4.30	8"	" "	.40
5.60	10"	" "	.45
7.50	12"	" "	.60
10.70	14"	" "	.90
14.70	16"	" "	1.20

\$4.00	6"	Mill 2nd Cut	.35
4.90	8"	" " "	.42
6.40	10"	" " "	.55
8.60	12"	" " "	.70
12.20	14"	" " "	1.00

\$4.50	6"	Mill Smooth	.40
5.40	8"	" "	.45
7.00	10"	" "	.60
9.40	12"	" "	.80
13.10	14"	" "	1.10

\$3.70	4"	Flat Bastard	.35
4.30	6"	" "	.40
5.30	8"	" "	.45
7.00	10"	" "	.60
9.70	12"	" "	.80
13.30	14"	" "	1.10
17.80	16"	" "	1.50
23.90	18"	" "	2.00

\$4.30	4"	Flat 2nd Cut	.37
4.80	6"	" " "	.42
6.10	8"	" " "	.50
8.10	10"	" " "	.70
11.00	12"	" " "	.90
15.30	14"	" " "	1.30
20.10	16"	" " "	1.70

\$4.70	4"	Flat Smooth	.40
5.30	6"	" "	.45
6.60	8"	" "	.55
8.70	10"	" "	.75
12.10	12"	" "	1.00
16.70	14"	" "	1.40
22.30	16"	" "	1.90

List Price Dozen	Length	Kind	Net Resale Price Each
\$4.80	4"	Half Round Bastard	.40
6.10	6"	" " "	.50
7.50	8"	" " "	.65
9.10	10"	" " "	.75
11.80	12"	" " "	1.00
15.50	14"	" " "	1.30
20.60	16"	" " "	1.75

\$5.60	4"	Half Round 2nd Cut	.45
6.70	6"	" " " "	.55
8.30	8"	" " " "	.70
10.10	10"	" " " "	.85
13.00	12"	" " " "	1.10
17.00	14"	" " " "	1.40
22.50	16"	" " " "	1.90

\$6.10	4"	Half Round Smooth	.50
7.10	6"	" " " "	.60
8.90	8"	" " " "	.75
10.70	10"	" " " "	.90
13.90	12"	" " " "	1.15
18.30	14"	" " " "	1.55
24.20	16"	" " " "	2.05

\$3.00	4"	Round Bastard	.25
3.50	6"	" "	.30
3.90	7"	" "	.35
4.30	8"	" "	.40
5.60	10"	" "	.45
7.50	12"	" "	.65
10.70	14"	" "	.90
14.70	16"	" "	1.25

\$3.50	4"	Round 2nd Cut	.30
4.00	6"	" " "	.35
4.90	8"	" " "	.42
6.40	10"	" " "	.55
8.60	12"	" " "	.70
12.20	14"	" " "	1.00

\$3.90	4"	Round Smooth	.35
4.50	6"	" "	.40
5.40	8"	" "	.45
7.00	10"	" "	.60
9.40	12"	" "	.80
13.10	14"	" "	1.10

(Continued on other side)



List Price Dozen	Length	Kind	Net Resale Price Each
\$3.80	4"	Square Bastard	\$.35
4.60	6"	" "	.40
5.50	8"	" "	.45
7.40	10"	" "	.60
10.20	12"	" "	.85
13.90	14"	" "	1.15
18.70	16"	" "	1.55
25.10	18"	" "	2.10

\$4.60	4"	Square 2nd Cut	\$.37
5.10	6"	" " "	.43
6.30	8"	" " "	.55
8.50	10"	" " "	.70
11.50	12"	" " "	.95
16.10	14"	" " "	1.35

\$4.90	4"	Square Smooth	\$.40
5.50	6"	" "	.45
7.00	8"	" "	.60
9.10	10"	" "	.75
12.80	12"	" "	1.05
17.50	14"	" "	1.45

\$4.00	4"	Warding Bastard	\$.35
4.90	6"	" "	.45
6.40	8"	" "	.55
8.70	10"	" "	.75

List Price Dozen	Length	Kind	Net Resale Price Each
\$2.20	4"	Slim Taper	\$.20
2.30	4 1/2"	" "	.20
2.50	5"	" "	.25
3.10	6"	" "	.30
3.80	7"	" "	.35
4.50	8"	" "	.40
6.40	10"	" "	.55

\$2.20	4"	Extra Slim Taper	\$.20
2.30	4 1/2"	" " "	.20
2.50	5"	" " "	.25
2.90	5 1/2"	" " "	.25
3.10	6"	" " "	.30
3.80	7"	" " "	.35
4.50	8"	" " "	.40

\$6.30	8"	Flat Lead Float	\$.55
8.60	10"	" " "	.75
11.80	12"	" " "	1.00

\$8.10	6"	Half Round Wood Rasps Bastard	\$.70
10.10	8"	" " " " "	.85
13.70	10"	" " " " "	1.15
18.70	12"	" " " " "	1.60
24.80	14"	" " " " "	2.10
32.90	16"	" " " " "	2.80

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio



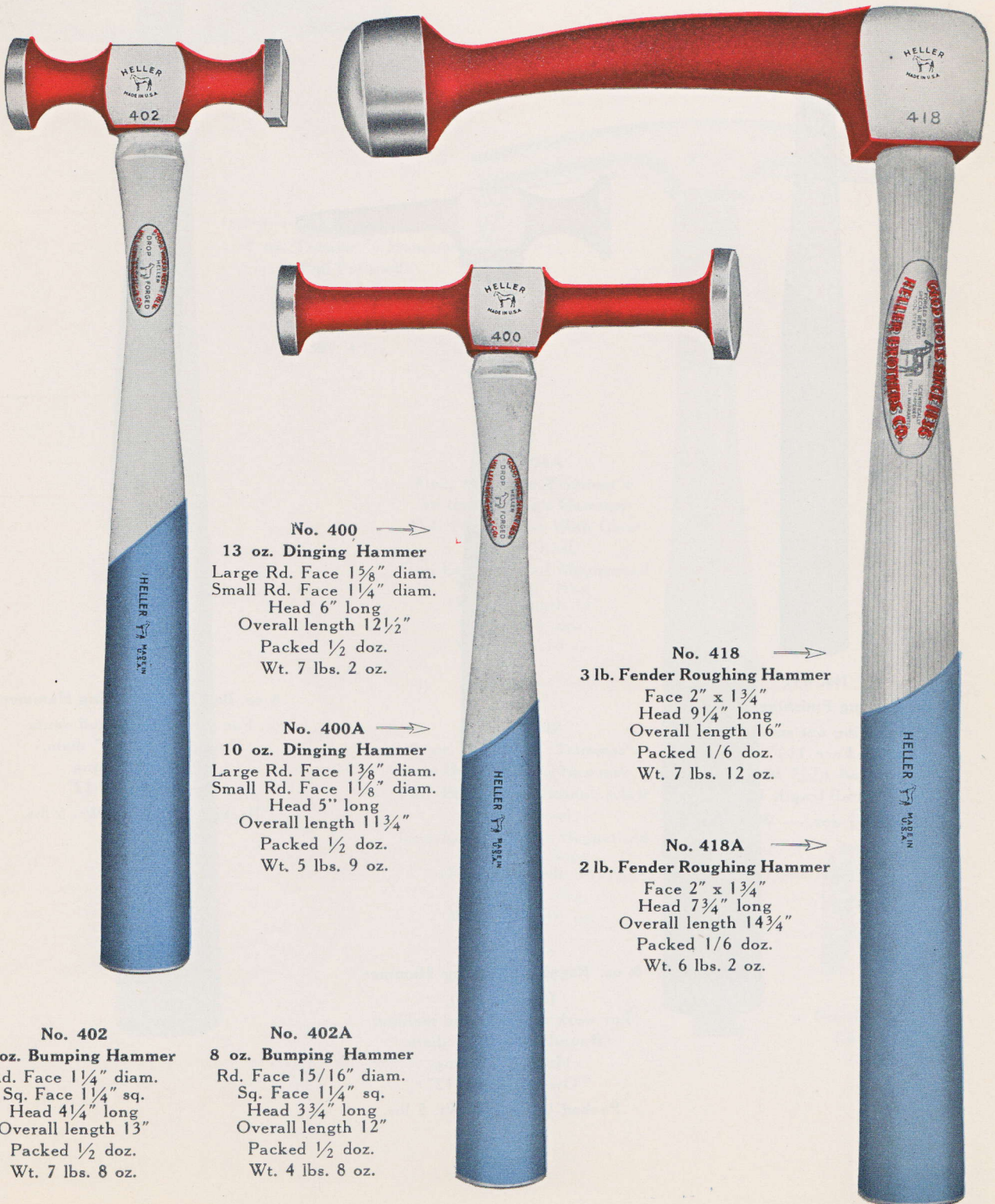


# HELLER

## BROTHERS COMPANY

# AUTOMOTIVE TOOLS

AUGUST 1, 1949



**No. 402**  
**14 oz. Bumping Hammer**  
Rd. Face  $1\frac{1}{4}$ " diam.  
Sq. Face  $1\frac{1}{4}$ " sq.  
Head  $4\frac{1}{4}$ " long  
Overall length 13"  
Packed  $\frac{1}{2}$  doz.  
Wt. 7 lbs. 8 oz.

**No. 402A**  
**8 oz. Bumping Hammer**  
Rd. Face  $15/16$ " diam.  
Sq. Face  $1\frac{1}{4}$ " sq.  
Head  $3\frac{3}{4}$ " long  
Overall length 12"  
Packed  $\frac{1}{2}$  doz.  
Wt. 4 lbs. 8 oz.

**No. 400**  
**13 oz. Dinging Hammer**  
Large Rd. Face  $1\frac{5}{8}$ " diam.  
Small Rd. Face  $1\frac{1}{4}$ " diam.  
Head 6" long  
Overall length  $12\frac{1}{2}$ "  
Packed  $\frac{1}{2}$  doz.  
Wt. 7 lbs. 2 oz.

**No. 400A**  
**10 oz. Dinging Hammer**  
Large Rd. Face  $1\frac{3}{8}$ " diam.  
Small Rd. Face  $1\frac{1}{8}$ " diam.  
Head 5" long  
Overall length  $11\frac{3}{4}$ "  
Packed  $\frac{1}{2}$  doz.  
Wt. 5 lbs. 9 oz.

**No. 418**  
**3 lb. Fender Roughing Hammer**  
Face 2" x  $1\frac{3}{4}$ "  
Head  $9\frac{1}{4}$ " long  
Overall length 16"  
Packed  $1/6$  doz.  
Wt. 7 lbs. 12 oz.

**No. 418A**  
**2 lb. Fender Roughing Hammer**  
Face 2" x  $1\frac{3}{4}$ "  
Head  $7\frac{3}{4}$ " long  
Overall length  $14\frac{3}{4}$ "  
Packed  $1/6$  doz.  
Wt. 6 lbs. 2 oz.



# HELLER BROTHERS COMPANY



No. 447

## 8 oz. Pecking Finishing Hammer

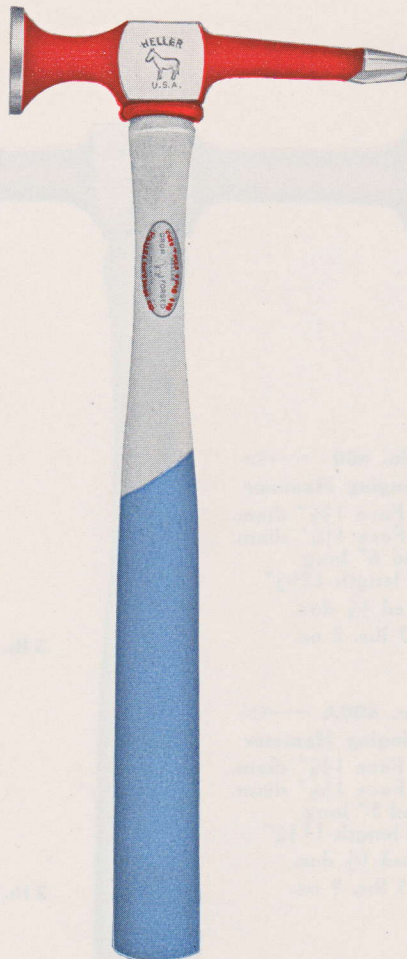
For driving out small dents

Round Face  $1\frac{1}{2}$ " diam.

Head  $6\frac{1}{2}$ " long

Overall length 12"

Packed  $\frac{1}{2}$  doz. — Wt. 5 lbs.



No. 444

## 8 oz. Regular Finishing Hammer

(Cross Pein)

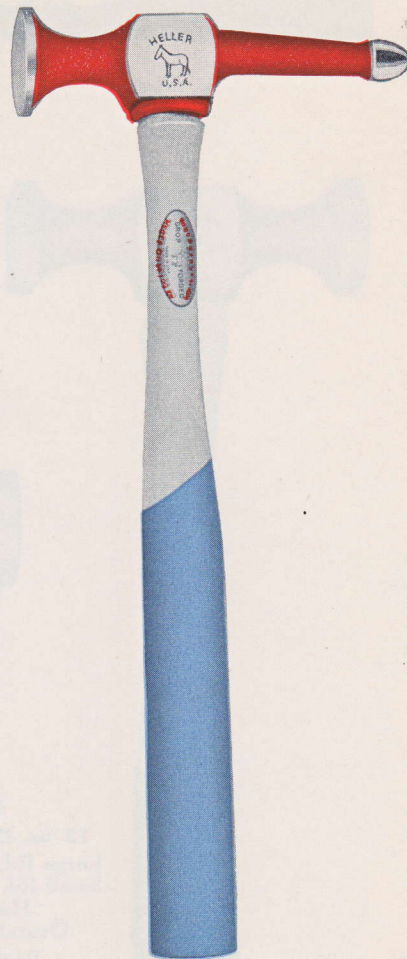
For work on beads and molding

Round Face  $1\frac{1}{2}$ " diam.

Head  $5\frac{1}{4}$ " long

Overall length 12"

Packed  $\frac{1}{2}$  doz. — Wt. 5 lbs.



No. 445

## 8 oz. Ball Pein Finishing Hammer

For driving out small dents

Round Face  $1\frac{1}{2}$ " diam.

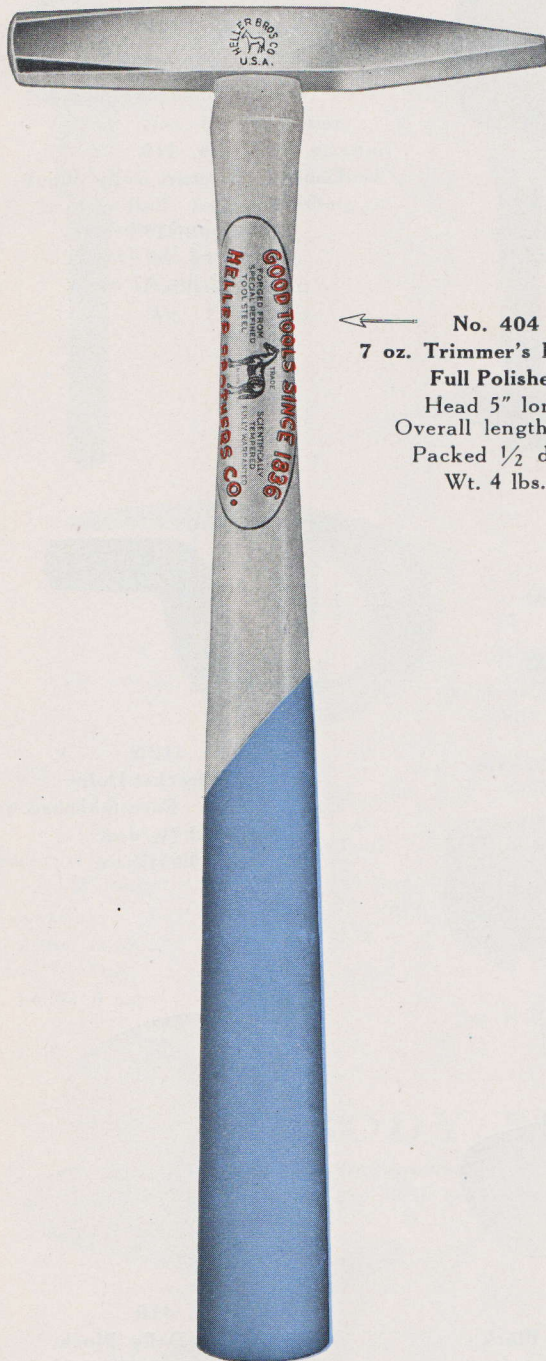
Head  $5\frac{1}{2}$ " long

Overall length 12"

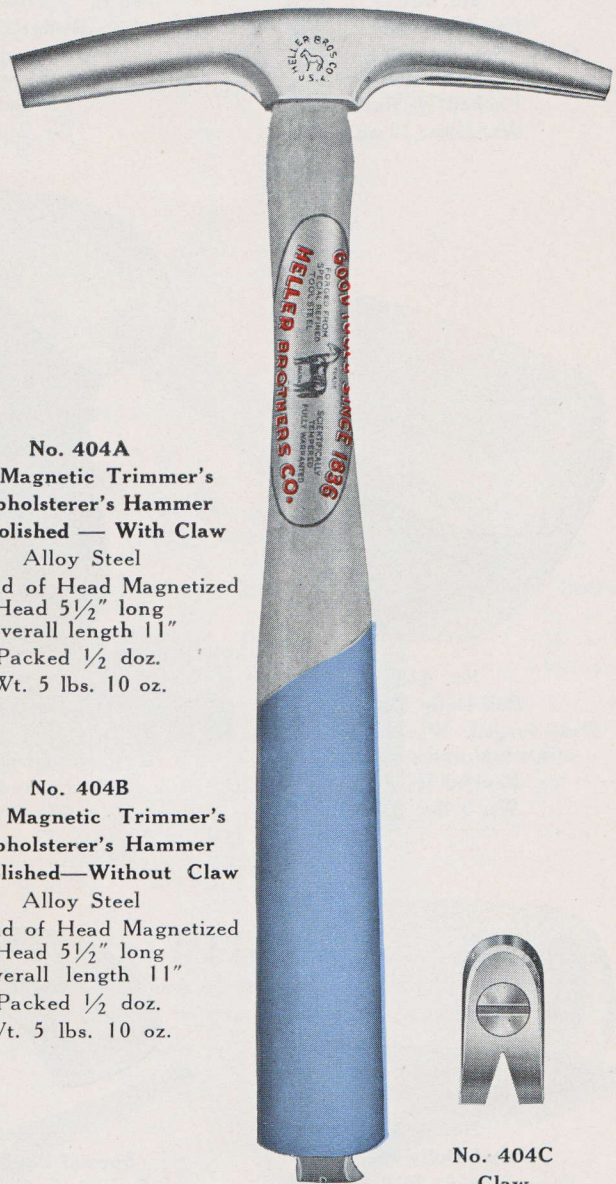
Packed  $\frac{1}{2}$  doz. — Wt. 5 lbs.



# "GOOD TOOLS SINCE 1836"

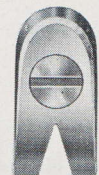


← **No. 404**  
**7 oz. Trimmer's Hammer**  
**Full Polished**  
 Head 5" long  
 Overall length 12"  
 Packed 1/2 doz.  
 Wt. 4 lbs.



**No. 404A**  
**7 oz. Magnetic Trimmer's**  
**or Upholsterer's Hammer**  
**Full Polished — With Claw**  
 Alloy Steel  
 One End of Head Magnetized  
 Head 5 1/2" long  
 Overall length 11"  
 Packed 1/2 doz.  
 Wt. 5 lbs. 10 oz.

**No. 404B**  
**7 oz. Magnetic Trimmer's**  
**or Upholsterer's Hammer**  
**Full Polished—Without Claw**  
 Alloy Steel  
 One End of Head Magnetized  
 Head 5 1/2" long  
 Overall length 11"  
 Packed 1/2 doz.  
 Wt. 5 lbs. 10 oz.



**No. 404C**  
**Claw**

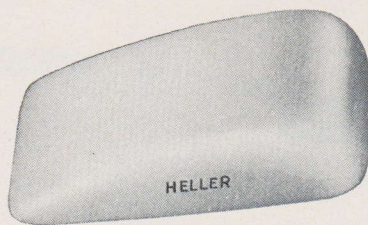


# HELLER BROTHERS COMPANY

## DOLLY BLOCKS



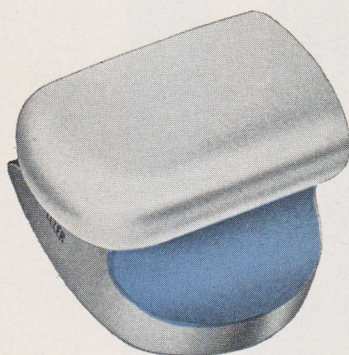
**No. 408**  
**Egg Dolly Block**  
Drop forged. Full surface  
ground and polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 2 lbs. 12 oz.



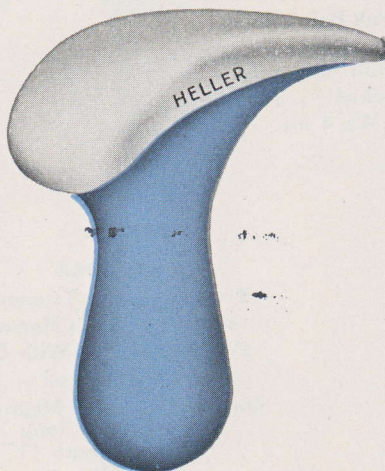
**No. 409**  
**Wedge Dolly Block**  
Drop forged. Full surface  
ground and polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 2 lbs. 12 oz.



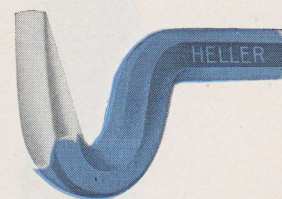
**No. 410**  
**General Purpose Dolly Block**  
Drop forged. Full surface  
ground and polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 2 lbs. 12 oz.



**No. 411**  
**Rail Dolly Block**  
Drop forged. Working surface  
ground and polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 3 lbs. 8 oz.



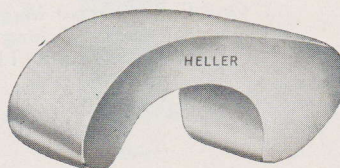
**No. 412**  
**Hand Hold Dolly Block**  
Drop forged. Working surface  
ground and polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 2 lbs. 4 oz.



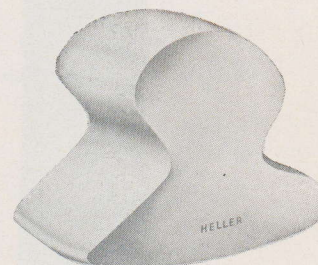
**No. 412A**  
**Fender Bracket Dolly**  
Drop forged. Face polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 1 lb. 12 oz.



**No. 413**  
**Panel Dolly Block**  
Drop forged. Full surface  
ground and polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 2 lbs. 12 oz.



**No. 414**  
**Special Fender Dolly Block**  
Drop forged. Working surface  
ground and polished.  
Packed  $\frac{1}{12}$  doz.  
Wt. 2 lbs. 4 oz.



**No. 415**  
**Roughout Dolly Block**  
Drop Forged. Full surface  
ground and polished  
Packed  $\frac{1}{12}$  doz.  
Wt. 2 lbs. 12 oz.



"GOOD TOOLS SINCE 1836"

## AUTO BODY SPOONS



No. 422

Drop Forged Spoon

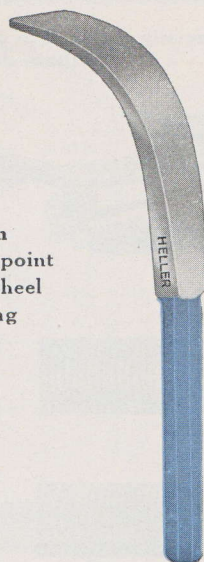
Blade { 2 1/2" at point  
1 1/4" at heel  
6 1/2" long

12" overall

Wt. 2 lbs. each

Packed 1/2 Doz.

Wt. 13 lbs. 8 oz.



No. 423

Drop Forged Spoon

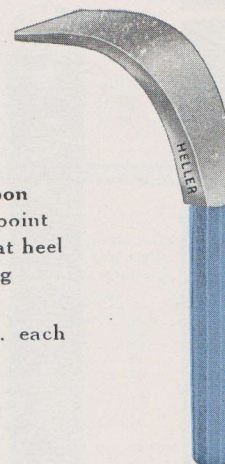
Blade { 2" at point  
1 1/8" at heel  
7" long

13" overall

Wt. 1 lb. 12 oz. each

Packed 1/2 Doz.

Wt. 15 lbs. 4 oz.



No. 424

Drop Forged Spoon

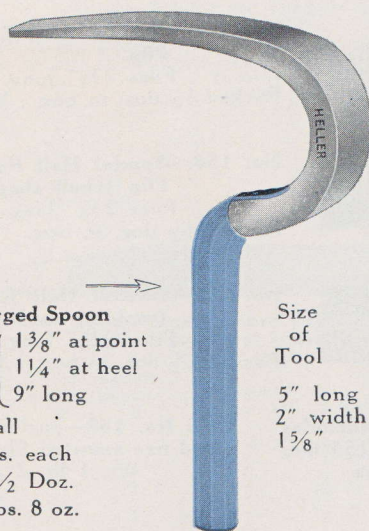
Blade { 2 1/4" at point  
1" at heel  
6" long

12" overall

Wt. 1 lb. 12 oz. each

Packed 1/2 Doz.

Wt. 12 lbs. 4 oz.



No. 425

Drop Forged Spoon

Blade { 1 3/8" at point  
1 1/4" at heel  
9" long

15" overall

Wt. 2 lbs. each

Packed 1/2 Doz.

Wt. 14 lbs. 8 oz.

Craftmaster Scraper

No. 428

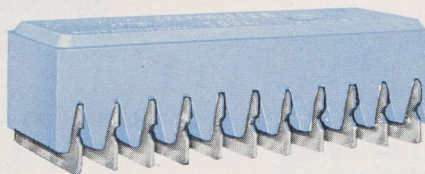
Solid rubber body with 11 reversible double edged, hardened blades.

(No. 64 Rockwell)

Blades are easily removed for reversing or replacement

Size of Tool

5" long  
2" width  
1 5/8"



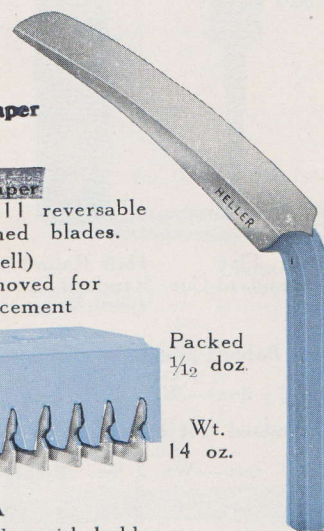
Packed 1/12 doz.

Wt. 14 oz.

No. 428A

Set of Replacement Blades with holder bar and two cotter pins

Wt. 4 oz.



No. 427

Drop Forged Spoon

Blade { 1 1/4" at point  
1 3/8" at heel  
6 1/2" long

12" overall

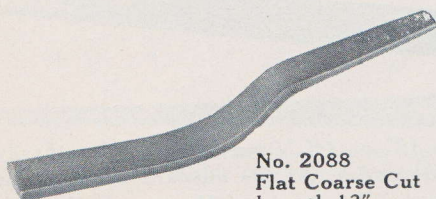
Wt. 1 lb. 8 oz. each

Packed 1/2 Doz.

Wt. 10 lbs. 14 oz.

## BODY BUMPING FILES

A time and labor-saving tool for use in auto body repair shops. These bumping files are used to slap out dents in bodywork. They will not expand the metal but tend to contract it to its original shape.



No. 2088

Flat Coarse Cut

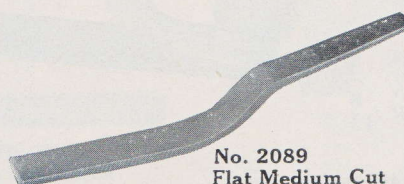
Length 12"

Width 1 3/8"

Wt. 1 lb. 4 oz. each

Packed 1/2 doz.

Wt. 6 lbs. 12 oz.



No. 2089

Flat Medium Cut

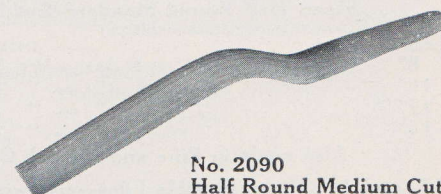
Length 12"

Width 1 3/8"

Wt. 1 lb. 4 oz. each

Packed 1/2 doz.

Wt. 6 lbs. 12 oz.



No. 2090

Half Round Medium Cut

Length 12"

Width 1 3/8"

Wt. 1 lb. 4 oz. each

Packed 1/2 doz.

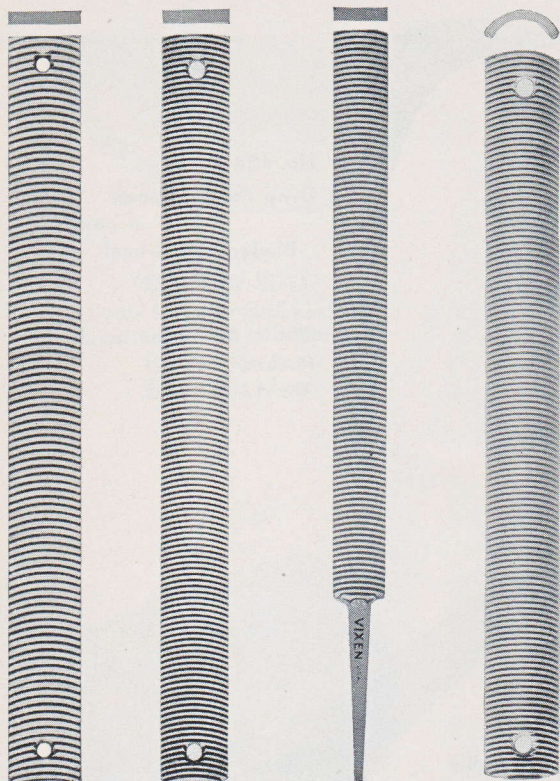
Wt. 7 lbs. 4 oz.

Assortment No. 2612—One of each of the above—Packed 1/4 of a dozen. Wt. 3 lbs. 8 oz.



# HELLER BROTHERS COMPANY

## VIXEN MILLED CURVED TOOTH FILES



Flexible Babbitt      Flexible Standard Cut      Flat Standard Cut      Half Round Standard Cut (Shell Shape)

### Vixen Flexible Babbitt Files

Length 14" only      Packed 1/2 doz.—Wt. 3 lbs. 10 oz.

### Vixen Flexible Standard Cut Files

Length		Packed
8"	1 doz.—	Wt. 2 lbs. 8 oz.
10"	1 " — "	4 " "
12"	1/2 " — "	2 " 14 "
14"	1/2 " — "	3 " 10 "

Also made in Fine and Smooth Cuts

### Vixen Flat Standard Cut Files

Length		Packed
8"	1 doz.—	Wt. 3 lbs. 4 oz.
10"	1 " — "	6 " "
12"	1/2 " — "	5 " 4 "
14"	1/2 " — "	8 " "

Also made in Fine and Smooth Cuts

### Vixen Half Round Standard Cut Files (Shell Shape)

Length		Packed
8"	1 doz.—	Wt. 2 lbs. 4 oz.
10"	1 " — "	4 " "
12"	1/2 " — "	2 " 8 "
14"	1/2 " — "	3 " 12 "

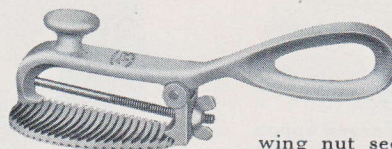
Also made in Fine and Smooth Cuts

12" and 14" Vixen Flexible Files—use with adjustable Flexible File Holder No. 472 or with Wood Holders Nos. V-1 and V-2. (See Cat. Sheet Form No. 176).

14" Vixen Half Round File (Shell Shape)—use with Wood Holders Nos. V-1 and V-2. (See Cat. Sheet Form No. 176).

## VIXEN REVEAL TOOLS

Specially designed to get into small corners, ledges, etc., without damage to other parts.



No. 152 Reveal Tool Holder (Only)

Made of brass with hinged center piece. A threaded bolt with

wing nut secures the file firmly in place. Holder 7" long. Packed 1 only in box. Wt. 10 oz.



No. 153—Special Half Round File (shell shape).

Files 2 3/4" long. Packed 1/2 doz. in box. Wt. 11 oz.



No. 154—Special Flat Square Cornered File with one edge bent.

Files 2 3/4" long. Packed 1/2 doz. in box. Wt. 11 oz.



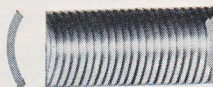
No. 155—Special Round Cornered File.

Files 2 3/4" long. Packed 1/2 doz. in box. Wt. 10 oz.



No. 156—Special Half Round Bent File (shell shape).

Files 2 3/4" long. Packed 1/2 doz. in box. Wt. 9 oz.



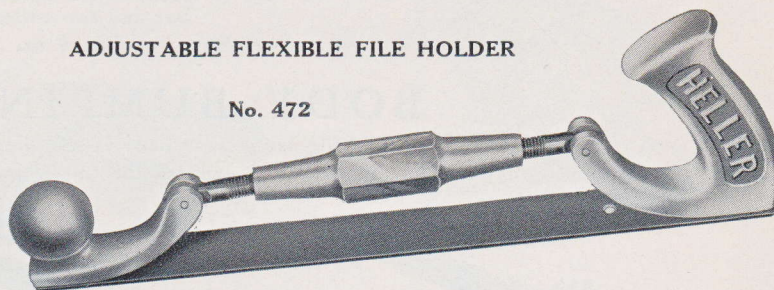
No. 157—Special Half Round File (molding shape).

Files 2 3/4" long. Packed 1/2 doz. in box. Wt. 10 oz.

Set No. 158—Includes holder and No. 155 file. Wt. 12 oz.

Set No. 159—Includes holder and five assorted files. Wt. 1 lb. 2 oz.

## ADJUSTABLE FLEXIBLE FILE HOLDER



No. 472

Aluminum—Light Weight

For use with 12" or 14" Vixen Flexible Files. Easily adjustable for curving the file outward (convex) or inward (concave) by means of Hexagonal, Non-Slip Turnbuckle. Designed to fit the grip naturally in filing.

Size 15" long, 4 1/2" high

Packed 1/12 doz.—Wt. 2 lbs. 4 oz.



# "GOOD TOOLS SINCE 1836"

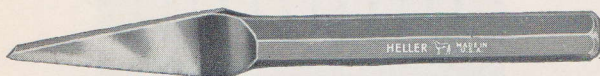


**No. 85 Hand Cold Chisels**  
Highly Polished and Enameled  
Sold By Size of Stock

Size of Stk.	Width of Bit	Length Inches	Packed Doz.—Wt.	14 oz.
1/4	1/8	5	1 Doz.—Wt.	6
1/8	3/8	5	1 " " "	1 lb. 6
3/8	1/2	5 1/2	1 " " "	2 lbs.
1/2	3/4	6	1 " " "	3 " "
3/4	7/8	6 1/2	1 " " "	4 " "
7/8	1	7 1/2	1 " " "	6 " "
1	1 1/8	8	1 " " "	10 " "
1	1 1/8	8 1/2	1 " " "	15 " "
1	1 1/8	8 1/2	1 " " "	10 " "

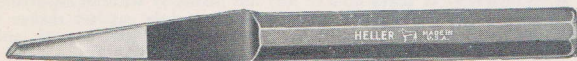
## Extra Length

Size of Stk.	Width of Bit	Length Inches	Packed Doz.—Wt.	4 lbs. 4 oz.
1/2	3/4	12	1 Doz.—Wt.	8
3/4	7/8	12	1 " " "	12
1	1	12	1 " " "	12
1	1 1/8	12	1 " " "	12
1	1 1/8	18	1 " " "	13
1	1 1/8	18	1 " " "	18
1	1 1/8	24	1 " " "	24
1	1 1/8	24	1 " " "	32



**No. 86 Cape Chisels**  
Highly Polished and Enameled  
Sold By Size of Bit

Size of Stk.	Width of Bit	Length Inches	Packed Doz.—Wt.	12 oz.
1/4	1/8	5	1 Doz.—Wt.	8
1/8	3/8	5	1 " " "	1 lb. 8
1/2	1/4	6	1 " " "	3 lbs. 4
1/2	1/2	7	1 " " "	4 " "
3/4	3/8	7	1 " " "	6 " "
3/4	1/2	7 1/2	1 " " "	9 " "
7/8	3/8	8	1 " " "	13 " "
1	3/4	8 1/2	1 " " "	10 " "



**No. 87 Round Nose Chisels**  
Highly Polished and Enameled  
Sold By Size of Bit

Size of Stk.	Width of Bit	Length Inches	Packed Doz.—Wt.	2 lbs. 8 oz.
3/8	3/8	5 1/4	1 " " "	3 " "
1/2	1/4	6	1 " " "	4 " "
1/2	1/2	7	1 " " "	6 " "
3/4	3/8	7	1 " " "	9 " "
3/4	1/2	7 1/2	1 " " "	14 " "
7/8	3/8	8	1 " " "	10 " "
1	3/4	8 1/2	1 " " "	10 " "



**No. 88 Diamond Point Chisels**  
Highly Polished and Enameled  
Sold By Size of Bit

Size of Stk.	Width of Bit	Length Inches	Packed Doz.—Wt.	3 lbs. 8 oz.
1/2	1/4	6	1 " " "	4 " "
1/2	1/2	7	1 " " "	6 " "
3/4	3/8	7	1 " " "	10 " "
3/4	1/2	7 1/2	1 " " "	14 " "
7/8	3/8	8	1 " " "	11 " "
1	3/4	8 1/2	1 " " "	11 " "



**Drift Punches and Lining Up Bars**  
Highly Polished and Enameled

No.	Size Inches	Packed Doz.—Wt.	11 oz.
420	5 x 1/4 x 1/8	1 Doz.—Wt.	4
421	6 x 3/8 x 1/8	1 " " "	1 lb. 4
422	8 x 3/8 x 1/8	1 " " "	2 lbs. 8
423	9 x 1/2 x 1/4	1 " " "	4 " "
424	11 x 5/8 x 1/8	1 " " "	9 " "
425	16 x 5/8 x 1/8	1 " " "	14 " "



**Rivet Punches**  
Made for heavy work

No.	Size Inches	Packed Doz.—Wt.	14 oz.
430	4 x 1/8 x 1/8	1 Doz.—Wt.	1 lb. 9
431	5 x 3/8 x 1/8	1 " " "	3 lbs. 4
432	6 x 1/2 x 1/8	1 " " "	6 " "
433	7 x 3/8 x 1/4	1 " " "	10 " "
434	11 x 3/8 x 1/4	1 " " "	10 " "



## Pin Punches

used for driving out pins. The points are long and the diameter is the same the entire length. Points are specially treated to withstand breakage.

No.	Size Point of Stk.	Length Inches	Packed Doz.—Wt.	8 oz.
440	3/8	4 1/8	1 Doz.—Wt.	1 lb. 8
441	1/2	4 3/4	1 " " "	1 lb. 8
442	5/8	5 1/4	1 " " "	2 lbs. 8
443	3/4	5 3/8	1 " " "	3 " "
444	7/8	6 1/8	1 " " "	3 " "
445	1	6 3/8	1 " " "	3 " "

Assorted set of six Nos. 440 to 445 incl. Weight 12 oz.



## Hand Punches

No.	Size of Stock	Width of Bit	Packed Doz.—Wt.	12 oz.
89	1/4"	1 1/8"	1 " " "	13
	1/4"	1 1/8"	1 " " "	2 lbs. 10
	3/8"	1 1/8"	1 " " "	4 " "
	1/2"	1 1/8"	1 " " "	7 " "
	3/4"	1 1/8"	1 " " "	10 " "

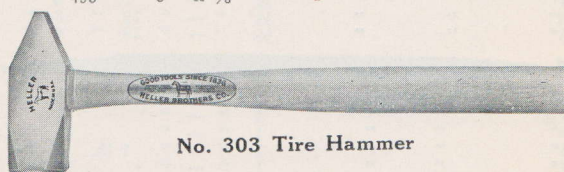
For Driving Out Bolts and Rivets



## Center Punches

are ground to a very sharp point and used usually for marking metal, etc., so that drill will start easier.

No.	Size Inches	Packed Doz.—Wt.	1 lb. 10 oz.
450	4 x 1/8	1 Doz.—Wt.	1 " "
451	5 x 3/8	1 " " "	3 lbs. 12
452	5 1/2 x 1/2	1 " " "	4 " "
453	6 x 3/8	1 " " "	4 " "



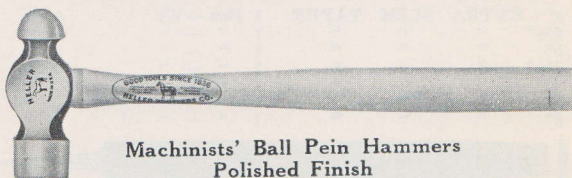
**No. 303 Tire Hammer**

Polished Finish

Weight 3 lbs.

Packed 1/3 Doz.—Wt. 15 lbs.

Also obtainable in "B" Grade Black Finish



**Machinists' Ball Pein Hammers**  
Polished Finish

No.	Weight	Packed Doz.—Wt.	1 lb. 4 oz.
797	2 ozs.	1/2 Doz.—Wt.	2 lbs. 8
798	4 " "	1/2 " " "	5 " "
800	8 " "	1/2 " " "	6 " "
801	12 " "	1/2 " " "	8 " "
802	1 lb.	1/2 " " "	8 " "
803	1 1/4 lbs.	1/2 " " "	10 " "
804	1 1/2 " "	1/2 " " "	12 " "
806	2 " "	1/2 " " "	15 " "
808	2 1/2 " "	1/2 " " "	19 " "
810	3 " "	1/2 " " "	22 " "

Also obtainable in "B" Grade. Black Finish and "C" Grade Semi Finish



# HELLER FILES

Length			Packed		
4"	MILL BASTARD	1 Doz.—Wt.	7 oz.		
6"	"	1 " "	1 lb. 6 "		
8"	"	1 " "	2 lbs. 12 "		
10"	"	1 " "	5 " 12 "		
12"	"	1 " "	4 " 11 "		
14"	"	1/2 " "	7 " 4 "		
16"	"	1/2 " "	9 " 8 "		

Length			Packed		
4"	FLAT BASTARD	1 Doz.—Wt.	8 oz.		
6"	"	1 " "	1 lb. 11 "		
8"	"	1 " "	3 lbs. 10 "		
10"	"	1 " "	6 " 8 "		
12"	"	1/2 " "	5 " 4 "		
14"	"	1/2 " "	8 " 2 "		
16"	"	1/2 " "	12 " 6 "		
18"	"	1/2 " "	17 " 4 "		

Length			Packed		
4"	FLAT SMOOTH	1 Doz.—Wt.	8 oz.		
6"	"	1 " "	1 lb. 11 "		
8"	"	1 " "	3 lbs. 10 "		
10"	"	1 " "	6 " 8 "		
12"	"	1/2 " "	5 " 4 "		
14"	"	1/2 " "	8 " 2 "		
16"	"	1/2 " "	12 " 6 "		

Length			Packed		
4"	HALF ROUND BASTARD	1 Doz.—Wt.	8 oz.		
6"	"	1 " "	1 lb. 8 "		
8"	"	1 " "	3 lbs. 8 "		
10"	"	1 " "	6 " 8 "		
12"	"	1/2 " "	5 " 6 "		
14"	"	1/2 " "	8 " 8 "		
16"	"	1/2 " "	13 " "		

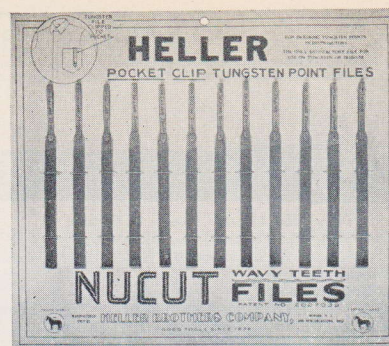
Length			Packed		
4"	ROUND BASTARD	1 Doz.—Wt.	4 oz.		
6"	"	1 " "	11 "		
7"	"	1 " "	1 lb. 2 "		
8"	"	1 " "	1 " 10 "		
10"	"	1 " "	3 lbs. 3 "		
12"	"	1/2 " "	3 " 10 "		
14"	"	1/2 " "	6 " 8 "		
16"	"	1/2 " "	11 " "		

Length			Packed		
4"	SQUARE BASTARD	1 Doz.—Wt.	4 oz.		
6"	"	1 " "	12 "		
8"	"	1 " "	2 lbs. "		
10"	"	1 " "	4 " "		
12"	"	1/2 " "	4 " 4 "		
14"	"	1/2 " "	7 " 6 "		
16"	"	1/2 " "	12 " 8 "		
18"	"	1/2 " "	18 " 6 "		

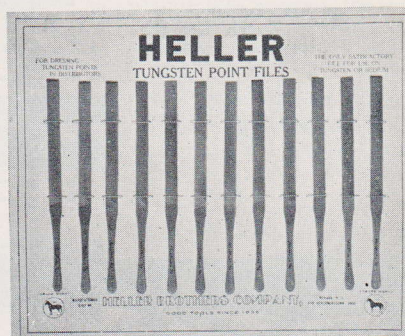
Length			Packed		
4"	SLIM TAPER	1 Doz.—Wt.	8 oz.		
4 1/2"	"	1 " "	8 "		
5"	"	1 " "	11 "		
6"	"	1 " "	1 lb. 2 "		
7"	"	1 " "	4 " "		
8"	"	1 " "	2 lbs. 14 "		
10"	"	1 " "	4 " 4 "		

Length			Packed		
4"	EXTRA SLIM TAPER	1 Doz.—Wt.	4 oz.		
4 1/2"	"	1 " "	5 " "		
5"	"	1 " "	7 " "		
5 1/2"	"	1 " "	8 " "		
6"	"	1 " "	11 " "		
7"	"	1 " "	1 lb. 3 " "		
8"	"	1 " "	1 " 9 " "		

Length			Packed		
6"	HALF ROUND WOOD RASPS	1 Doz.—Wt.	8 oz.		
8"	"	1 " "	3 lbs. 6 "		
10"	"	1 " "	6 " 8 "		
12"	"	1 " "	5 " 12 "		
14"	"	1/2 " "	9 " "		
16"	"	1/2 " "	12 " 12 "		



Heller Ignition Point Files  
Patented 5" POCKET CLIP TYPE  
1 Doz. on a card or 1 Doz. in a box



Heller Ignition Point Files are Double Cut  
Made in 5" size only  
1 Doz. on a card or 1 Doz. in a box

## MASTERENCH

Trade Mark Registered U. S. Patent Office

Made of Chrome Vanadium Steel

ITS VISELIKE GRIP WILL NEVER SLIP

The MASTERENCH takes hold of any nut instantly without adjustment. It is always ready for use on every nut. A simple ratchet makes the MASTERENCH self adjustable and it can never get out of order.



MASTERENCHES—Smooth Jaws for Nuts and Bolts

Length	Capacity Inches	Packed
6"	5/8 to 1 1/8"	1/2 Doz.—Wt. 1 lb. 12 oz.
8"	1/2 to 1 1/8"	1/2 Doz.—Wt. 3 lbs. 12 oz.
10"	3/4 to 1 1/4"	1/2 Doz.—Wt. 6 lbs.
14"	7/8 to 1 3/8"	1 Only—Wt. 2 lbs. 12 oz.
18"	1 1/8 to 2 1/2"	1 Only—Wt. 4 lbs. 4 oz.



MASTERENCHES—Pipe Wrenches with Teeth for use on Pipe

Length	Capacity Takes Pipe Inches	Capacity Inches	Packed
6"	5/8 to 3/4"	5/8 to 1 1/8"	1/2 Doz.—Wt. 1 lb. 12 oz.
8"	3/4 to 3/4"	1/2 to 1 1/8"	1/2 Doz.—Wt. 3 lbs. 12 oz.
10"	3/4 to 1"	3/4 to 1 1/4"	1/2 Doz.—Wt. 6 lbs.
14"	1/2 to 1 1/2"	7/8 to 1 3/8"	1 Only—Wt. 2 lbs. 12 oz.
18"	3/4 to 2"	1 1/8 to 2 1/2"	1 Only—Wt. 4 lbs. 4 oz.

\* This 6" Masterench is recommended for Battery Work.

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio



# JOBBER'S DISCOUNT SHEET

August 30, 1948

## HELLER BEARING SCRAPERS

Jobbers Price ..... 50 % Off List

Suggested Resale Price ..... 33 $\frac{1}{3}$  % Off List  
(See Catalog Sheet No. 177)

**FREIGHT ALLOWANCE:** Full freight allowed on shipments weighing 100 lbs. or more, shipments under 100 lbs. f.o.b. factory.

**TERMS:** 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

**CONDITIONS:** Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U.S.A.

Form. No. 177D









# HELLER

## BROTHERS COMPANY

# BEARING SCRAPERS

SUGGESTED RESALE PRICE SHEET

AUGUST 30, 1948

## HELLER BEARING SCRAPERS

SEE OTHER SIDE FOR PRICES



No. 30

Three-square hollow ground file steel blades,  $3\frac{1}{4}$ " long. Cutting edge  $3\frac{1}{4}$ ".

Hardwood handles, natural friction polish.

*Half Dozen in a Box*



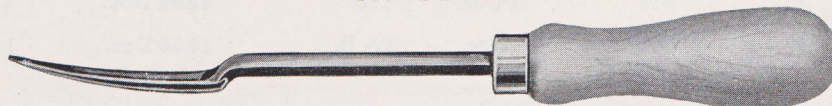
No. 20

Non-chattering, file steel blades. Hardwood handles.

Four Sizes .....	5"	7"	8"	9"
Cutting Edge .....	2"	$2\frac{3}{4}$ "	$3\frac{1}{2}$ "	$3\frac{3}{4}$ "

*Half Dozen in a Box*

### IN SETS

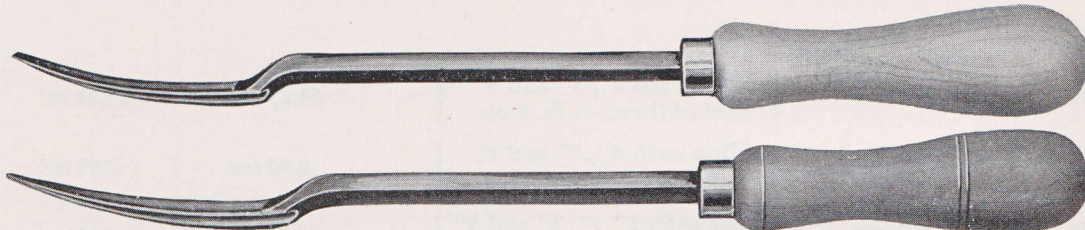


**No. 279 - Set of Three**  
One each 7", 8" and 9"

**No. 258 - Set of Three**  
One each 5", 7" and 8"

**No. 259 - Set of Four**  
One each 5", 7", 8" and 9"

*One Set in a Box*



"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 177



# BEARING SCRAPERS



# HELLER

## BROTHERS COMPANY

### SUGGESTED RESALE PRICE SHEET

AUGUST 30, 1948

## HELLER BEARING SCRAPERS

MADE IN FIVE SIZES

	Size	Cutting Edge	Packed		List Price per Doz.	Suggested Resale Price
No. 30	3 1/4"	3 1/4"	1/2 Doz.	7 oz.	\$8.58 Doz.	\$.70 each
No. 20	5"	2"	1/2 Doz.	15 oz.	10.42 Doz.	.85 each
No. 20	7"	2 3/4"	1/2 Doz.	1 1/2 lb.	11.48 Doz.	.95 each
No. 20	8"	3 1/2"	1/2 Doz.	2 lb.	12.92 Doz.	1.05 each
No. 20	9"	3 3/4"	1/2 Doz.	2 1/2 lb.	14.38 Doz.	1.20 each
No. 279 - Set of Three	{ One each 7", 8" and 9" Set of three - 1 lb. 2 oz. }				\$3.23 set	\$3.23 set
No. 258 - Set of Three	{ One each 5", 7" and 8" Set of three - 12 oz. }				2.90 set	2.90 set
No. 259 - Set of Four	{ One each 5", 7", 8" and 9" Set of four - 1 lb. 6 oz. }				4.10 set	4.10 set

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio



# JOBBER'S NET PRICES

November 20th, 1947

## HELLER AUGER BIT FILES

Made in 7" Size

THIS APPLIES TO CATALOG SHEET FORM NO. 191

	Boxed	Carded
Jobber's Price.....	\$2.30 Dozen Net	\$2.40 Dozen Net
	Packed	
	1 Dozen to a Box	
	or	
	1 Dozen on a Counter Display Card, 12 Cards to a Carton	

**FREIGHT ALLOWANCE:** F.O.B. shipping point with freight allowed at not to exceed the lowest transportation rate to destination on shipments weighing 150 pounds or more. No allowances of any kind will be made on shipments weighing less than 150 pounds, or on shipments forwarded by Express or Parcel Post.

**TERMS:** 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

**CONDITIONS:** Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 191D









# HELLER

## BROTHERS COMPANY

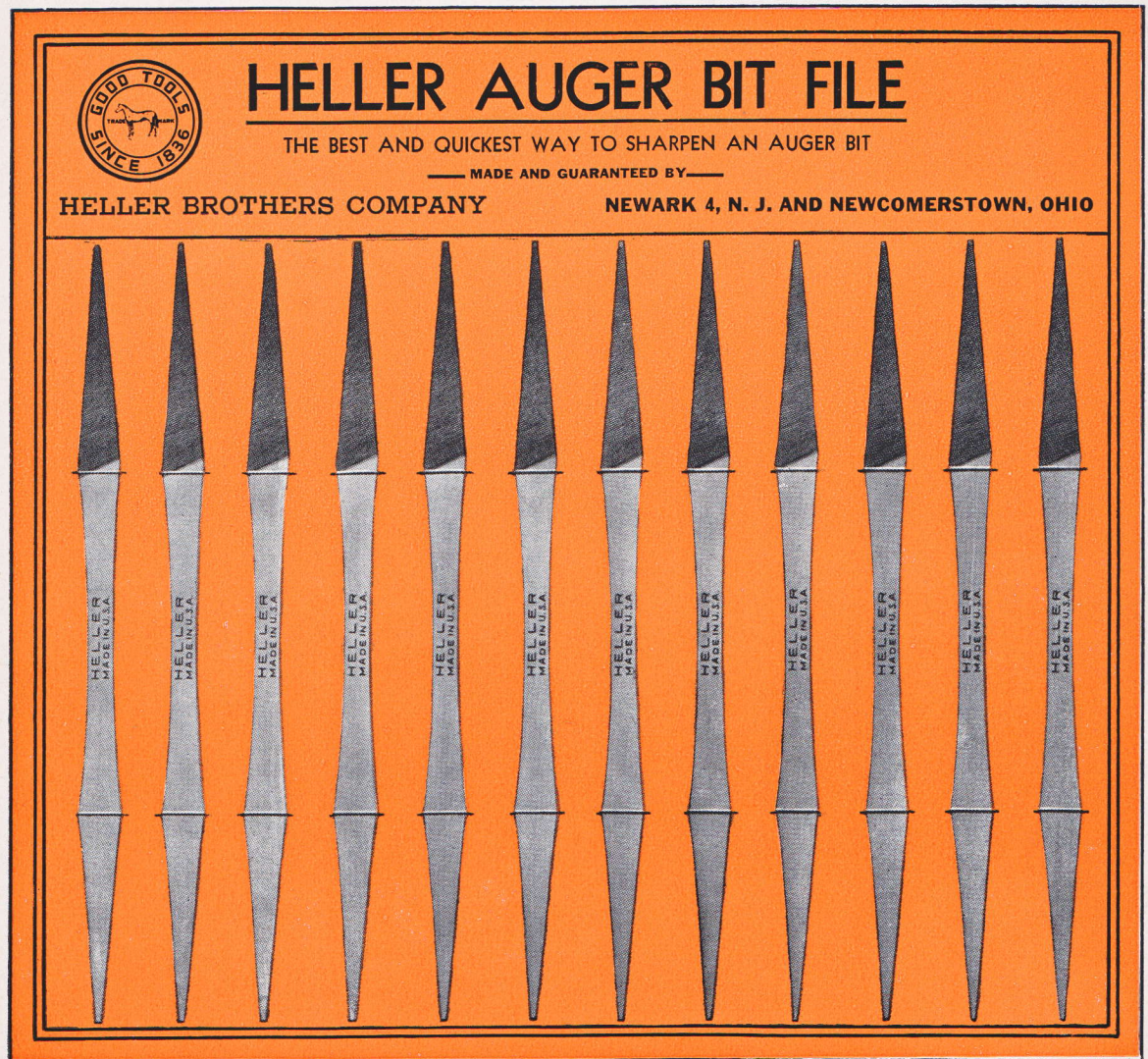
### AUGER BIT FILES

NOVEMBER 20, 1947

## HELLER AUGER BIT FILE

MADE IN 7 INCH SIZE

designed to restore the cutting edges of bits. Safe edges at one end of file and safe sides at the other end. This prevents damage to adjacent surfaces.



One dozen on a card for COUNTER DISPLAY (as illustrated above)  
or packaged one dozen to a BOX

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices - Newark 4, N. J.

Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 191









# HELLER

## BROTHERS COMPANY

### COUNTER DISPLAYS

#### JOBBER'S EXTREME DISCOUNT 20-10% PRICE SHEET

SEPTEMBER 22, 1948

See Catalog Sheets for Illustrations Form Nos. 126, 127, 128, 151, 182 and 123

##### SPECIAL FIVE COUNTER DISPLAY No. 126

6" Extra Slim Taper 35c each	8" Mill Bastard 45c each	10" Mill Bastard 55c each	8" Farmers' Own 55c each	6" Double Extra Slim Taper 35c each
---------------------------------	-----------------------------	------------------------------	-----------------------------	--

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount)	\$27.00
Your Cost	16.80

Your Profit	\$10.20
-------------	---------

Size of Display 10" x 13 $\frac{3}{4}$ "

Weight 17 lbs.

##### BIG THREE COUNTER DISPLAY No. 127

8" Mill Bastard 45c each	10" Mill Bastard 55c each	6" Extra Slim Taper 35c each
-----------------------------	------------------------------	---------------------------------

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount)	\$16.20
Your Cost	10.40

Your Profit	\$5.80
-------------	--------

Size of Display 6" x 13 $\frac{3}{4}$ "

Weight 9 $\frac{1}{2}$  lbs.

##### BIG FIVE COUNTER DISPLAY No. 128

6" Mill Bastard 35c each	8" Mill Bastard 45c each	10" Mill Bastard 55c each	6" Slim Taper 35c each	6" Extra Slim Taper 35c each
-----------------------------	-----------------------------	------------------------------	---------------------------	---------------------------------

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount)	\$24.60
Your Cost	15.68

Your Profit	\$8.92
-------------	--------

Size of Display 9 $\frac{1}{2}$ " x 13 $\frac{3}{4}$ "

Weight 13 $\frac{1}{2}$  lbs.

##### SAW FILE COUNTER DISPLAY No. 151

6" Slim Taper 35c each	6" Extra Slim Taper 35c each	6" Double Extra Slim Taper 35c each
---------------------------	---------------------------------	--

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount)	\$12.60
Your Cost	7.44

Your Profit	\$5.16
-------------	--------

Size of Display 5" x 8 $\frac{1}{4}$ "

Weight 3 $\frac{1}{4}$  lbs.

##### SPECIAL 5 "A" COUNTER DISPLAY No. 182

6" Extra Slim Taper 35c each	8" Mill Bastard 45c each	10" Mill Bastard 55c each	8" All Purpose 55c each	6" Double Extra Slim Taper 35c each
---------------------------------	-----------------------------	------------------------------	----------------------------	--

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount)	\$27.00
Your Cost	17.12

Your Profit	\$9.88
-------------	--------

Size of Display 10" x 13 $\frac{3}{4}$ "

Weight 17 lbs.

##### ALL-PURPOSE FILE COUNTER DISPLAY No. 123

8" All-Purpose File

55c each

The above retail prices are shown on the Counter Displays

	Standard Package	Weight per Doz.	Your Cost
8" All-Purpose (Counter Display).....	1 doz.	5 $\frac{1}{2}$ lbs.	\$4.24
10" All-Purpose (With Flat Handle).....	1 doz.	7 $\frac{1}{2}$ lbs.	5.60
12" All-Purpose (With Tang).....	$\frac{1}{2}$ doz.	11 $\frac{3}{4}$ lbs.	7.76
14" All-Purpose (With Tang).....	$\frac{1}{2}$ doz.	19 lbs.	10.64









# HELLER

## BROTHERS COMPANY

### COUNTER DISPLAYS

#### PRICE SHEET

**JOBBER'S EXTREME DISCOUNT 20-10%**

SEPTEMBER 22, 1948

See Catalog Sheets for Illustrations Form Nos. 126, 127, 128, 151, 182 and 123

#### SPECIAL FIVE COUNTER DISPLAY No. 126

6" Extra Slim Taper 35c each	8" Mill Bastard 45c each	10" Mill Bastard 55c each	8" Farmers' Own 55c each	6" Double Extra Slim Taper 35c each
---------------------------------	-----------------------------	------------------------------	-----------------------------	--

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount) \$27.00

Your Cost 16.80

Your Profit \$10.20

Size of Display 10" x 13 $\frac{3}{4}$ "

Weight 17 lbs.

#### BIG THREE COUNTER DISPLAY No. 127

8" Mill Bastard 45c each	10" Mill Bastard 55c each	6" Extra Slim Taper 35c each
-----------------------------	------------------------------	---------------------------------

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount) \$16.20

Your Cost 10.40

Your Profit \$5.80

Size of Display 6" x 13 $\frac{3}{4}$ "

Weight 9 $\frac{1}{2}$  lbs.

#### BIG FIVE COUNTER DISPLAY No. 128

6" Mill Bastard 35c each	8" Mill Bastard 45c each	10" Mill Bastard 55c each	6" Slim Taper 35c each	6" Extra Slim Taper 35c each
-----------------------------	-----------------------------	------------------------------	---------------------------	---------------------------------

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount) \$24.60

Your Cost 15.68

Your Profit \$8.92

Size of Display 9 $\frac{1}{2}$ " x 13 $\frac{3}{4}$ "

Weight 13 $\frac{1}{2}$  lbs.

#### SAW FILE COUNTER DISPLAY No. 151

6" Slim Taper 35c each	6" Extra Slim Taper 35c each	6" Double Extra Slim Taper 35c each
---------------------------	---------------------------------	--

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount) \$12.60

Your Cost 7.44

Your Profit \$5.16

Size of Display 5" x 8 $\frac{1}{4}$ "

Weight 3 $\frac{1}{4}$  lbs.

#### SPECIAL 5 "A" COUNTER DISPLAY No. 182

6" Extra Slim Taper 35c each	8" Mill Bastard 45c each	10" Mill Bastard 55c each	8" All Purpose 55c each	6" Double Extra Slim Taper 35c each
---------------------------------	-----------------------------	------------------------------	----------------------------	--

The above retail prices are shown on the Counter Displays

Retail Price (Total Amount) \$27.00

Your Cost 17.12

Your Profit \$9.88

Size of Display 10" x 13 $\frac{3}{4}$ "

Weight 17 lbs.

#### ALL-PURPOSE FILE COUNTER DISPLAY No. 123

8" All-Purpose File

55c each

The above retail prices are shown on the Counter Displays

	Standard Package	Weight per Doz.	Your Cost
8" All-Purpose (Counter Display).....	1 doz.	5 $\frac{1}{2}$ lbs.	\$4.24
10" All-Purpose (With Flat Handle).....	1 doz.	7 $\frac{1}{2}$ lbs.	5.60
12" All-Purpose (With Tang).....	$\frac{1}{2}$ doz.	11 $\frac{3}{4}$ lbs.	7.76
14" All-Purpose (With Tang).....	$\frac{1}{2}$ doz.	19 lbs.	10.64









# HELLER

## BROTHERS COMPANY

COUNTER DISPLAY  
No. 126

SEPTEMBER 22, 1948

### SPECIAL FIVE COUNTER DISPLAY No. 126

SEE PRICE SHEET FORM No. 6 C.D.S.

**SMALL CHANGE**  
Buys Files For  
Every Home Need  
PURCHASE  
2 or 3

**NUCUT HELLER**  
Cuts Faster, Leaves a Smoother Finish  
Lasts Longer

**WAVY TEETH**  
FILES

6" Extra Slim Taper  
8" Mill Bastard  
10" Mill Bastard  
8" Farmer's Own  
6" Double Extra Slim Taper

Each file is in a separate moisture-proof cellophane tube.

*Size of Display*  
10" x 13<sup>3</sup>/<sub>4</sub>"

WEIGHT 17 LBS.

Each Display is well packed in a shipping carton to insure Safe Delivery.

ALL YOU PAY FOR ARE THE FILES

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U.S.A.

Form No. 126









# HELLER

## BROTHERS COMPANY

COUNTER DISPLAY  
No. 127

SEPTEMBER 22, 1948

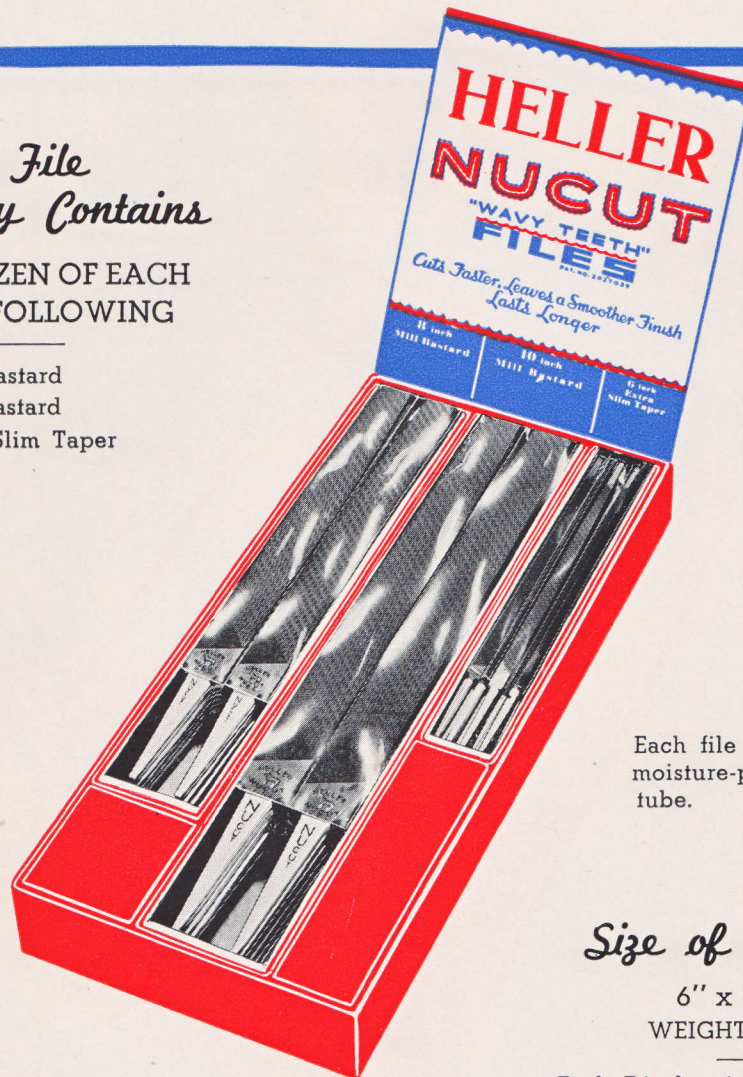
### BIG THREE COUNTER DISPLAY No. 127

SEE PRICE SHEET FORM No. 6 C.D.S.

#### *Nucut File Display Contains*

ONE DOZEN OF EACH  
OF THE FOLLOWING

- 8" Mill Bastard
- 10" Mill Bastard
- 6" Extra Slim Taper



Each file is in a separate  
moisture-proof cellophane  
tube.

#### *Size of Display*

6" x 13<sup>3</sup>/<sub>4</sub>"

WEIGHT 9<sup>1</sup>/<sub>2</sub> LBS.

Each Display is well packed in  
a shipping carton to insure Safe  
Delivery.

ALL YOU PAY FOR ARE THE FILES

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U.S.A.

Form No. 127









# HELLER

## BROTHERS COMPANY

COUNTER DISPLAY  
No. 128

SEPTEMBER 22, 1948

### BIG FIVE COUNTER DISPLAY No. 128

SEE PRICE SHEET FORM No. 6 C.D.S.

**SMALL CHANGE**  
Buys Files For  
Every Home Need  
**PURCHASE**  
2 or 3

**NUCUT HELLER**  
Cuts Faster. Leaves a Smoother Finish  
Lasts Longer

**WAVY TEETH FILES**

6" Mill Bastard  
8" Mill Bastard  
10" Mill Bastard  
6" Slim Taper  
6" Extra Slim Taper

*Nucut File  
Display Contains*

ONE DOZEN OF EACH  
OF THE FOLLOWING

Each file is in a separate  
moisture-proof cellophane  
tube.

*Size of Display*  
9 1/2" x 13 3/4"  
WEIGHT 13 1/2 LBS.

Each Display is well packed in  
a shipping carton to insure Safe  
Delivery.

ALL YOU PAY FOR ARE THE FILES

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U.S.A.

Form No. 128









# HELLER

## BROTHERS COMPANY

COUNTER DISPLAY  
No. 151

SEPTEMBER 22, 1948

### SAW FILE COUNTER DISPLAY No. 151

SEE PRICE SHEET FORM No. 6 C.D.S.

#### *Nucut File Display Contains*

THREE DOZEN  
NUCUT FILES

Assortment can  
be 3 dozen of 6" Slim Taper  
or 3 dozen of 6" Extra Slim Taper  
or 3 dozen of 6" Double Extra Slim Taper  
or 1 dozen of each of whatever assortment  
of the above you desire.



Each file is in a separate  
moisture-proof cellophane  
tube.

#### *Size of Display*

5" x 8 $\frac{1}{4}$ "  
WEIGHT 3 $\frac{1}{4}$  LBS.

Each Display is well packed in  
a shipping carton to insure Safe  
Delivery.

ALL YOU PAY FOR ARE THE FILES

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 151









# HELLER

## BROTHERS COMPANY

COUNTER DISPLAY  
No. 182

SEPTEMBER 22, 1948

### SPECIAL 5 "A" COUNTER DISPLAY No. 182

SEE PRICE SHEET FORM No. 6 C.D.S.

**SMALL CHANGE**  
Buys Files For  
Every Home Need  
**PURCHASE**  
2 or 3

**NUCUT HELLER**  
Cuts Faster, Leaves a Smoother Finish  
Lasts Longer

6 inch Extra Slim Taper  
8 inch Mill Bastard  
10 inch Mill Bastard  
8 inch All-Purpose  
6 inch Double Extra Slim Taper

**Size of Display**  
10" x 13<sup>3</sup>/<sub>4</sub>"  
WEIGHT 17 LBS.

Each file is in a separate moisture-proof cellophane tube.

Each Display is well packed in a shipping carton to insure Safe Delivery.

ALL YOU PAY FOR ARE THE FILES

ALL YOU PAY FOR ARE THE FILES

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U.S.A.

Form No. 182









# HELLER

## BROTHERS COMPANY

COUNTER DISPLAY  
No. 123

SEPTEMBER 22, 1948

### *All-Purpose File*

## COUNTER DISPLAY No. 123

SEE PRICE SHEET FORM No. 6 C.D.S.



Counter Display In Actual Colors  
Made for 8" Size Only

Each file is in a moisture-proof cellophane tube.



Box When Closed (Display Card Inside)

Size	Standard Package	Weight per Doz.
8" All Purpose (Counter Display).....	1 Doz.	5½ lbs.
10" All Purpose (with Flat Handle).....	1 Doz.	7½ lbs.
12" All Purpose (with Tang).....	½ Doz.	11¾ lbs.
14" All Purpose (with Tang).....	½ Doz.	19 lbs.

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U.S.A.

Form No. 123



# ALL-PURPOSE FILE

## Heller Nucut Double-Service File

Just as the name implies, it is a file which is used for all purposes.

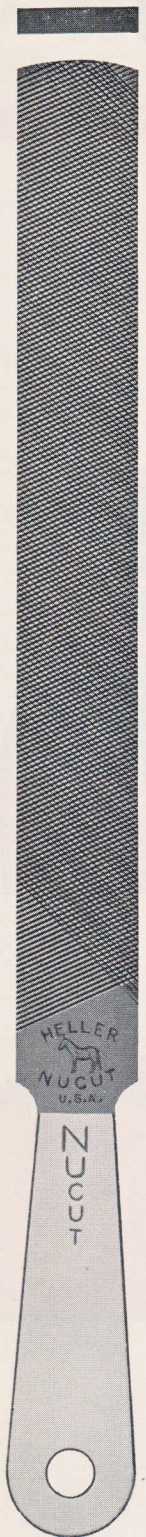
Double-Service File has two different sides, as illustrated, one side coarse cut, on the other, smooth cut.

The coarse cut side of the All-Purpose File is used to cut faster, remove greater material with less effort; it really is the side that can do the tough jobs.

The smooth cut side is used for lighter jobs which require less filing—and when a smooth finish is desired, also for sharpening all kinds of tools.

You will find this combination to be one of the most useful tools ever placed on the market—and most important both sides have NUCUT WAVY TEETH.

The 8" and 10" ALL-PURPOSE Files have white handles, the 12" and 14" have white tangs. Each 8" File in the Counter Display is in a separate cellophane envelope which insures the buyer of a clean unweathered tool—just as it left the factory.



Coarse Cut



Smooth Cut

*"Good Tools Since 1836"*

## HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.    Plants at Newark, N. J. and Newcomertown, Ohio





# HELLER

## BROTHERS COMPANY

Counter Display  
No. 142

### PRICE SHEET

August 30, 1948

See Catalog Sheet for Illustration — Form No. 142

### NAIL HAMMER COUNTER DISPLAY — No. 142

3 each No. 530 — 16 oz.	Carpenters' Octagon Neck, Round Bell, Curved Claw Hammers, Alloy Steel, Semi-Octagon Handle, Full Polished Finish	@ \$2.60 each	\$7.80
3 each No. 535 — 16 oz.	Carpenters' Octagon Neck, Round Bell, Ripping Claw Hammers, Alloy Steel, Semi-Octagon Handle Full Polished Finish	@ \$2.60 each	\$7.80
3 each No. 511 — 16 oz.	Carpenters' Adze Eye Bell Face, Curved Claw Hammers Polished Finish	@ \$2.20 each	\$6.60
3 each No. 511B — 16 oz.	Carpenters' Adze Eye Bell Face, Curved Claw Hammers — Black Finish Polished Face and Claw	@ \$1.80 each	\$5.40

Retail Price \$27.60

Your Cost \$18.39

Your Profit \$9.21

JOBBER'S EXTREME DISCOUNT 25%

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. S-142









# HELLER

BROTHERS COMPANY

COUNTER DISPLAY  
No. 142

August 30, 1948

## NAIL HAMMER COUNTER DISPLAY



QUALITY HAMMERS  
BY THE MAKERS OF VIXEN & NUGUT FILES  
"GOOD TOOLS SINCE 1836"

NO CHARGE FOR THE BOX

YOU PAY FOR THE HAMMERS ONLY

SEE REVERSE SIDE FOR CONTENTS AND PACKAGING

SEE CATALOG SHEET FORM No. S-142 FOR PRICES

**ORDER FROM YOUR JOBBER NOW ---**

**DISPLAYS ARE READY FOR IMMEDIATE DELIVERY**



**COUNTER DISPLAY**  
**No. 142**



**HELLER**  
**BROTHERS COMPANY**

August 30, 1948

## **NAIL HAMMER COUNTER DISPLAY**

Contents — One Dozen, as follows:

3 each No. 530 — 16 oz.    Carpenters' Octagon Neck, Round Bell  
Curved Claw Hammers  
Alloy Steel, Semi-Octagon Handle  
Full Polished Finish

3 each No. 535 — 16 oz.    Carpenters' Octagon Neck, Round Bell  
Ripping Claw Hammers  
Alloy Steel, Semi-Octagon Handle  
Full Polished Finish

3 each No. 511 — 16 oz.    Carpenters' Adze Eye Bell Face  
Curved Claw Hammers  
Polished Finish

3 each No. 511B — 16 oz.    Carpenters' Adze Eye Bell Face  
Curved Claw Hammers  
Polished Face and Claw

Display Size:        24" x 14" x 5"

Display Weight:    22 lbs.

**EACH DISPLAY IS WELL PACKED IN A SHIPPING CARTON  
TO INSURE SAFE DELIVERY**

*"Good Tools Since 1836"*

# **HELLER BROTHERS COMPANY**

General Offices—Newark 4, N. J.    Plants at Newark, N. J. and Newcomerstown, Ohio





## PRICE SHEET

August 1st, 1949

### HELLER CRAFTMASTER SCRAPER No. 428

(See Illustrated Catalog Sheet Form 195)

Scraper  
Complete  
No. 428

Retail Price \$1.80 each

Dealers' Cost — \$1.20 each or \$14.40 doz.

**JOBBER'S EXTREME DISCOUNT 25%**

Packed six (6) in a Carton — 5 1/2 lbs.

Set of  
Replacement  
Blades  
No. 428A

Retail Price \$1.40 each

Dealers' Cost \$.93 each or \$11.16 doz.

Packed one (1) Set to a Box — 1/4 lb.

**FREIGHT ALLOWANCE:** Full freight allowed on shipments weighing 100 lbs. or more, shipments under 100 lbs. f.o.b. factory.

**TERMS:** 30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

**CONDITIONS:** Prices are subject to change without notice. Shipments are subject to delays caused by strikes, accidents, and manufacturing contingencies. If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased in the amount of such tax. No goods may be returned without our permission.

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices — Newark 4, N. J.

Plants at Newark, N. J., and Newcomerstown, Ohio









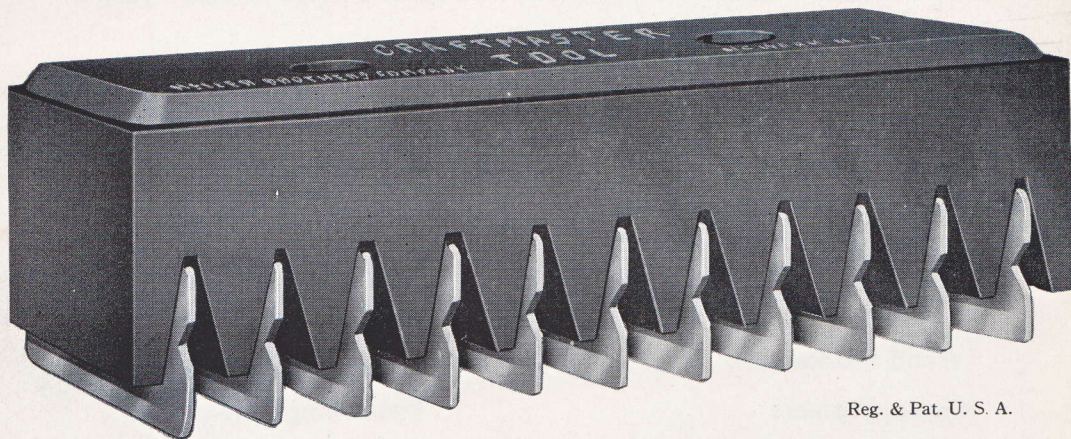
# HELLER

## BROTHERS COMPANY

### CRAFTMASTER SCRAPER No. 428

August 1st, 1949

## HELLER CRAFTMASTER SCRAPER No. 428



Reg. & Pat. U. S. A.

SIZE—5" Long 2" Wide 1 5/8" Deep. Packed six (6) in Carton, 5 1/2 lbs.

Designed to do expert finishing in a shorter length of time with less effort. It permits heavy or light pressure on work, depending on finish required.

It will not gouge the material — is self cleaning and cannot clog or load.

#### **LIFETIME HOLDER:**

Molded rubber — easy to grip and comfortable to the hand. It absorbs the shock as the blades move back and forth.

#### **REVERSIBLE BLADES:**

Eleven (11) sturdy, hardened tool steel (No. 64 Rockwell) double edge blades, will hold their edge for a long period of time. Blades easily reversed.

#### **SPECIAL BLADE HOLDER:**

A special blade holder attachment, which keeps all the blades in the proper position for sharpening on a flat oil stone, is attached to each scraper when shipped, and should be removed when in use.

#### **REPLACEMENT BLADES:**

A set of replacement blades, No. 428-A are available and easy to insert. Packed one (1) set in a box — 1/4 Lb.

*(See Reverse Side.)*

"Good Tools Since 1836"

# HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J.

Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 195



**CRAFTMASTER  
SCRAPER  
No. 428**



**HELLER**  
**BROTHERS COMPANY**

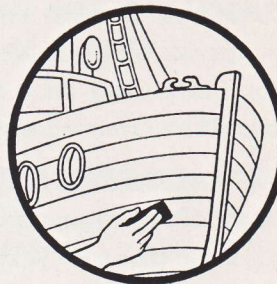
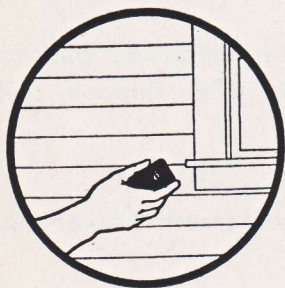
August 1st, 1949

**HELLER CRAFTMASTER SCRAPER No. 428**

**MANY USES FOR MANY USERS**

Painters  
Printers  
Carpenters  
Cabinet Makers  
Plasterers  
Wood Workers  
Picture Framers  
Butchers  
Metal Workers  
Machinists  
Floor Finishers  
Blind Makers  
Packers  
Bakers  
Dairymen  
Tank Builders  
Boat Owners

Truck Operators  
Automotive Painters  
Leather Manufacturers  
Body and Fender Finishers  
Aluminum Finishers  
Furniture Finishers  
Door Hangers  
Gun Smiths  
Interior Decorators  
Janitors  
Laboratory Workers  
Cement Workers  
Sign Painters  
Welders  
Farmers  
Home Owners



"Good Tools Since 1836"

**HELLER BROTHERS COMPANY**

General Offices—Newark 4, N. J.

Plants at Newark, N. J. and Newcomerstown, Ohio





# HELLER

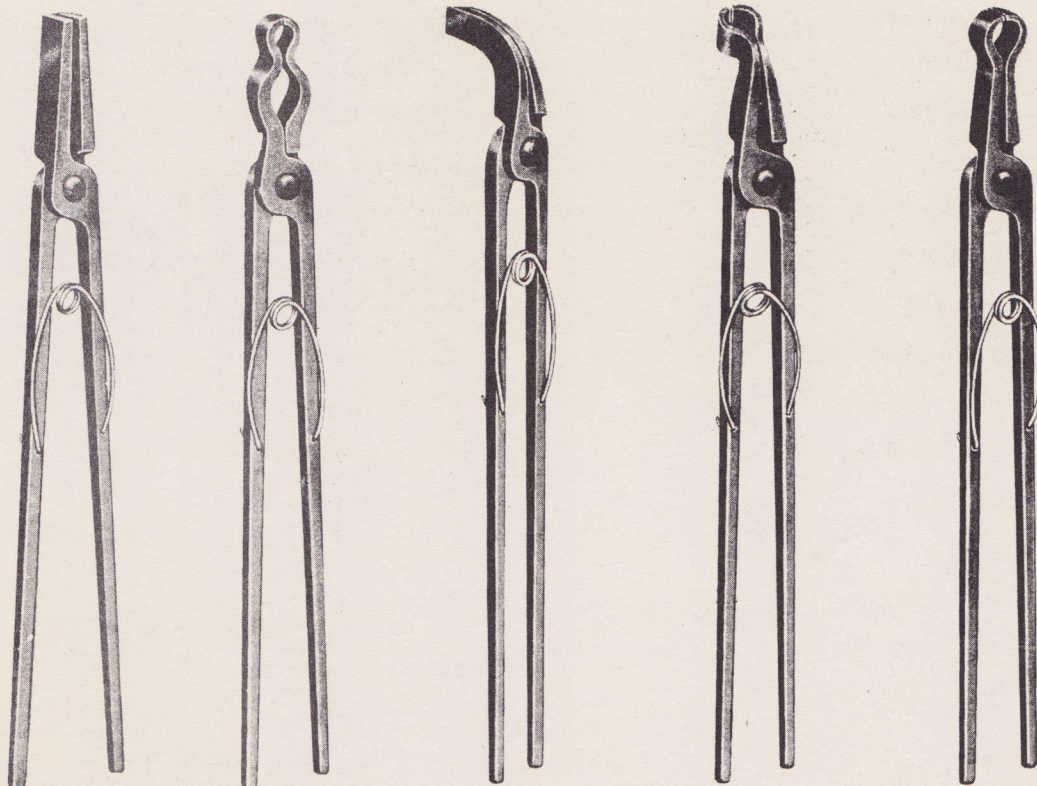
## BROTHERS COMPANY

### LIGHT PICK-UP TONGS

March 1, 1948

Special light tongs for handling different shapes. All have springs for quick action. Springs can be removed if not needed.

For other tongs see catalog No. T44



**HELLER'S EXTREME DISCOUNT 25%**

No. 71-L 14" Light Flat To hold Small Flats	No. 72-L 14" Light Double Pick-up For handling Flats or Rounds	No. 76-L 14" Light Side-Flat For all purpose work	No. 74-L 14" Light Curved Lip For handling Rivets or Small Rounds —Parallel with reins	No. 77-L 14" Light Rivet For handling Rivets or Small Rounds —Upright or at right angle to reins
---	--	---	--	---

Length 14 inches

Weight Dozen 10 lbs.

Price \$1.35 each

"Good Tools Since 1836"

## HELLER BROTHERS COMPANY

General Offices—Newark 4, N. J. Plants at Newark, N. J. and Newcomerstown, Ohio

Printed in U. S. A.

Form No. 194







JOBBER'S EXTREME DISCOUNT 25%

# HELLER BROTHERS COMPANY

## PRICE SHEET ST44D

Applying to Supplementary Catalog Sheet Form No. ST44

REVISED JUNE 1, 1949

Page	No.	Article	Packed	Price
1A		<b>HELLER BRAND</b> Carpenters' Octagon Neck, Round Bell, Curved Claw Alloy Steel, Semi-Octagon Handle Full-Polished Finish Hammer		
	530	Size      Ounce 1 1/2      16	Per 1/2 Doz. 9 1/4 lbs.	Net Doz. <b>\$20.80</b>

1A		<b>HELLER BRAND</b> Carpenters' Octagon Neck, Round Bell, Semi-Ripping Claw Alloy Steel, Semi-Octagon Handle Full-Polished Finish Hammer Regular Ripping Claw		
	535	Size      Ounce 1 1/2      16	Per 1/2 Doz. 9 1/4 lbs.	Net Doz. <b>\$20.80</b>

1A		<b>HELLER BRAND</b> Carpenters' Octagon Neck, Round Bell, Full Ripping Claw Alloy Steel, Semi-Octagon Handle Full-Polished Finish Hammer Extra Straight Ripping Claw		
	537	Size      Ounce 1 1/2      16	Per 1/2 Doz. 9 1/4 lbs.	Net Doz. <b>\$20.80</b>

2A		<b>HELLER BRAND</b> Carpenters' Adze Eye Bell Face Straight Claw Hammer Polished Finish		
	498	Size      Ounce 2 1/2      7	Per 1/2 Doz. 3 1/2 lbs.	Net Doz. <b>\$17.20</b>

2A		<b>HELLER BRAND</b> Carpenters' Adze Eye Bell Face Straight Claw Hammer Black Finish		
	498B	Size      Ounce 2 1/2      7	Per 1/2 Doz. 3 1/2 lbs.	Net Doz. <b>\$14.00</b>

2A		<b>EXCELSIOR BRAND</b> Carpenters' Adze Eye Bell Face Straight Claw Hammer Black Finish		
	498C	Size      Ounce 2 1/2      7	Per 1/2 Doz. 3 1/2 lbs.	Net Doz. <b>\$10.80</b>

2A		<b>HELLER BRAND</b> Tile Setter's Hammer Full Polished Finish		
	11	Size      Ounce 3	Per 1/2 Doz. 2 lbs.	Net Doz. <b>\$12.00</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

Page	No.	Article	Packed	Price
2A		<b>HELLER BRAND</b> Machinists' Double-Face Hammers Black Finish, Polished Faces		
	700B	Size      Weight 000      8 oz	Per 1/2 Doz. 5 lbs.	Net Doz. <b>\$10.60</b>
	702B	0      1 lb.	8 1/2 lbs.	<b>11.50</b>
	704B	2      1 1/2 lbs.	12 lbs.	<b>13.70</b>
	706B	4      2 lbs.	15 lbs.	<b>15.90</b>
	708B	6      2 1/2 lbs.	19 lbs.	<b>18.10</b>

3A		<b>HELLER BRAND</b> Special Welder's Chipping Hammer Smooth Black Finish		
	T217	Size      Pounds 1 1/2      1	Per 1/2 Doz. 6 3/4 lbs.	Net Doz. <b>\$16.00</b>

3A		<b>HELLER BRAND</b> Brick Hammer Black Finish		
	40	Size      Pounds 2      1 1/2	Per 1/2 Doz. 7 lbs.	Net Doz. <b>\$16.00</b>

4A		<b>HELLER BRAND</b> Bumping Hammers Polished Finish		
	402	Ounce	Per 1/2 Doz. 7 lbs. 8 oz.	Net Doz. <b>\$20.00</b>
	402A	8	4 lbs. 8 oz.	<b>17.60</b>

4A		<b>HELLER BRAND</b> Dinging Hammers Polished Finish		
	400	Ounce	Per 1/2 Doz. 7 lbs. 2 oz.	Net Doz. <b>\$23.20</b>
	400A	10	5 lbs. 9 oz.	<b>23.20</b>

4A		<b>HELLER BRAND</b> Magnetic Trimmers' or Upholsterers' Hammers Alloy Steel Full Polished Finish		
	404A (with claw)	Ounce      7	Per 1/2 Doz. 5 lbs. 10 oz.	Net Doz. <b>\$20.80</b>
	404B (without claw)	7	5 lbs. 10 oz.	<b>18.40</b>
	404C (claw only)			<b>2.40</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE









### HELLER NAIL HAMMERS

CARPENTERS' OCTAGON NECK, ROUND BELL, CURVED CLAW  
ALLOY STEEL, SEMI-OCTAGON HANDLE  
FULL POLISHED FINISH HAMMER

NO.	SIZE	OUNCE	PACKED	
530	1½	16	½ doz.	9¼ lbs.

CARPENTERS' OCTAGON NECK, ROUND BELL, SEMI-RIPPING CLAW  
ALLOY STEEL, SEMI-OCTAGON HANDLE  
FULL POLISHED FINISH HAMMER

NO.	SIZE	OUNCE	PACKED	
				REGULAR RIPPING CLAW
535	1½	16	½ doz.	9¼ lbs.

CARPENTERS' OCTAGON NECK, ROUND BELL, FULL RIPPING CLAW  
ALLOY STEEL, SEMI-OCTAGON HANDLE  
FULL POLISHED FINISH HAMMER

NO.	SIZE	OUNCE	PACKED	
				EXTRA STRAIGHT RIPPING CLAW
537	1½	16	½ doz.	9¼ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are properly hardened and tempered. Balanced correctly.

GOOD TOOLS

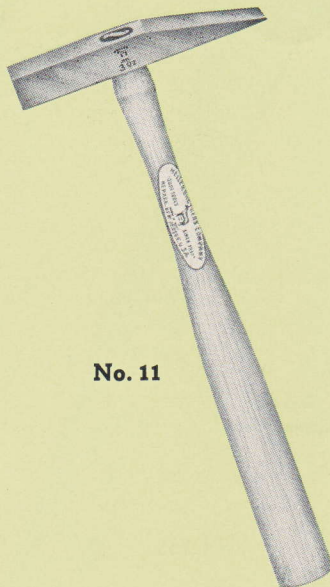


SINCE 1836

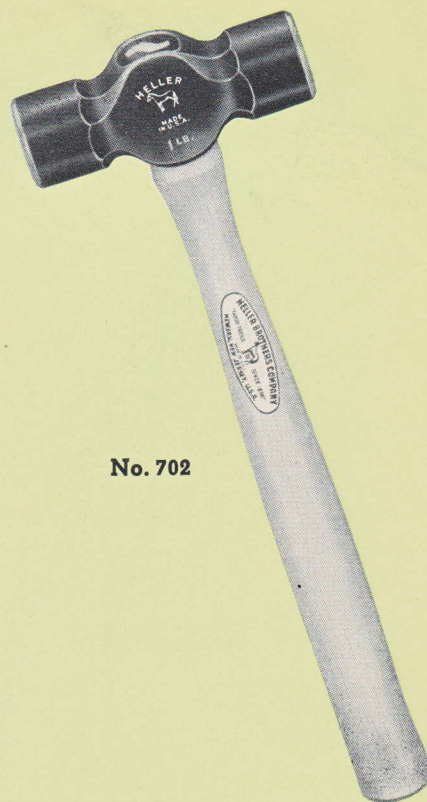




No. 498



No. 11



No. 702

## HELLER NAIL, TILE SETTERS' AND MACHINISTS' DOUBLE-FACED HAMMERS

CARPENTERS' ADZE EYE, BELL FACE, STRAIGHT CLAW  
POLISHED FINISH

NO.	SIZE	OUNCE	PACKED
498	2½	7	½ doz. 3½ lbs.

BLACK FINISH, POLISHED FACE AND CLAW

NO.	SIZE	OUNCE	PACKED
498B	2½	7	½ doz. 3½ lbs.

EXCELSIOR BRAND, BLACK FINISH

NO.	SIZE	OUNCE	PACKED
498C	2½	7	½ doz. 3½ lbs.

TILE SETTER'S HAMMER—FULL POLISHED FINISH

NO.	SIZE	OUNCE	PACKED
11	—	3	½ doz. 2 lbs.

MACHINISTS' DOUBLE-FACED HAMMERS, BLACK FINISH  
FACES THE WORK AT ALL TIMES

NO.	SIZE	WEIGHT	PACKED
700	000	8 oz.	½ doz. 5 lbs.
702	0	1 lb.	½ doz. 8½ lbs.
704	2	1½ lbs.	½ doz. 12 lbs.
706	4	2 lbs.	½ doz. 15½ lbs.
708	6	2½ lbs.	½ doz. 19 lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●  
All hammers are drop forged.

GOOD TOOLS



SINCE 1836





## HELLER SPECIAL WELDERS' CHIPPING AND BRICK HAMMERS

### SPECIAL WELDERS' CHIPPING HAMMER, BLACK FINISH

NO.	SIZE	POUNDS	PACKED	
T217	1½	1	½ doz.	6¾ lbs.

### BRICK HAMMER—SMOOTH BLACK FINISH FACE AND CUTTING EDGE GROUND AND POLISHED

NO.	SIZE	POUNDS	PACKED	
40	2	1½	⅓ doz.	7 lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

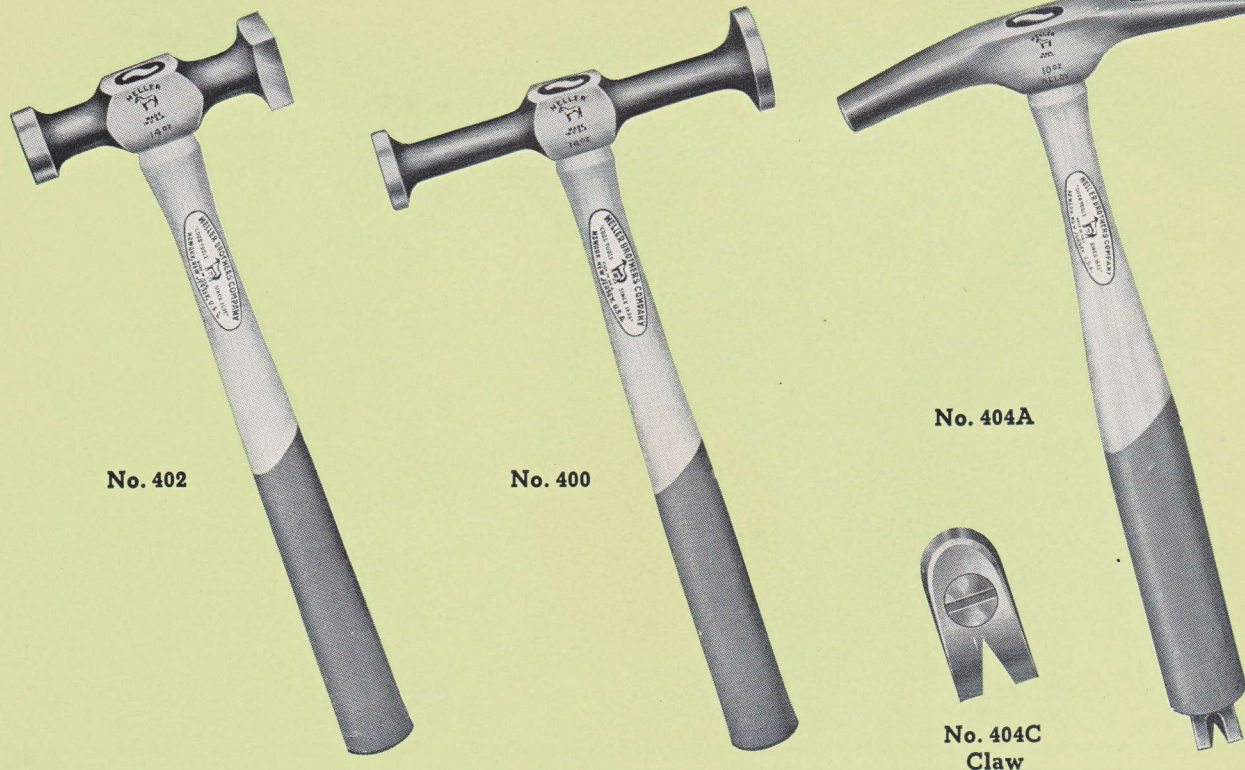
All hammers are properly hardened and tempered. Balanced correctly.

GOOD TOOLS



SINCE 1836





## HELLER BUMPING, DINGING AND MAGNETIC TRIMMERS' OR UPHOLSTERERS' HAMMERS

### AUTO BODY BUMPING HAMMER, POLISHED FINISH

NO.	OUNCE		PACKED
402	14	½ doz.	7 lbs. 8 oz.
402A	8	½ doz.	4 lbs. 8 oz.

### AUTO BODY DINGING HAMMER, POLISHED FINISH

NO.	OUNCE		PACKED
400	13	½ doz.	7 lbs. 2 oz.
400A	10	½ doz.	5 lbs. 9 oz.

### MAGNETIC TRIMMER'S OR UPHOLSTERER'S HAMMER ALLOY STEEL, FULL POLISHED FINISH

NO.	OUNCE		PACKED
404A (with claw)	7	½ doz.	5 lbs. 10 oz.
404B (without claw)	7	½ doz.	5 lbs. 10 oz.
404C (Claw only)			

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are drop forged.

GOOD TOOLS



SINCE 1836



JOBBER'S EXTREME DISCOUNT 25%

# HELLER BROTHERS COMPANY

## REVISED PRICE SHEET

### T44D

Revised June 1, 1949



APPLYING TO

## REVISED TOOL CATALOG

### NUMBER T-44

#### MAIN OFFICE

NEWARK 4, NEW JERSEY

U. S. A.

Plant No. 1

NEWARK 4, NEW JERSEY

Plant No. 2

NEWCOMERTOWN, OHIO

#### BRANCH OFFICES

##### CANADIAN OFFICE

INGERSOLL, ONT., CANADA

PHILADELPHIA 33

2250 N. NINTH ST.

SAN FRANCISCO 3

1559 HOWARD ST.

##### CABLE ADDRESS

HELLER NEWARK

Codes

Bentley's, Lieber's

Western Union A.B.C. 5th & 6th Edition

MILWAUKEE 4

1571 W. PIERCE ST.

CHICAGO 6

166 N. CLINTON ST.

DETROIT 9

4461 W. JEFFERSON AVE.

Printed in U.S.A.

Form No. T44D



## TERMS

30 days net, or 2% for cash on 10th of month covering all invoices of preceding month's date. Note: Remittance must bear post mark not later than 10th of month.

Carpenters' and Ball Pein Hammers, Farriers' Tools, Punches and Chisels, etc., Anvil Tools and Tongs, freight equalized with the nearest competitor on shipments weighing 100 lbs. or more. Masterenches freight allowed up to 50 cents cwt. on shipments weighing 100 lbs. or more.

An additional charge of 5% is made on all shipments going direct to jobbers' customers. In such cases there is no freight equalization.

Anvil Tools Extra Charge of \$5.10 per dozen for inserting handles.

---

## CONDITIONS

No charges will be allowed on Express or Parcel Post shipments, or freight charges on shipments weighing less than 100 lbs.

Prices are subject to change without notice.

Shipments are subject to delays caused by strikes, accidents and manufacturing contingencies.

If under any law, or hereafter passed, we are required to pay a tax on sales, prices quoted will be increased by the amount of such tax.

Return of merchandise not accepted without prior permission in writing.

---

### ANVIL TOOLS AND TONGS, EQUALIZATION POINTS RECOGNIZED

Meadville, Pa., Pittsburgh, Pa., Verona, Pa., Warren, Ohio, Wheeling, W. Va.

### CARPENTERS', BALL PEIN HAMMERS, ETC., EQUALIZATION POINTS RECOGNIZED

Charleston, W. Va., Bushnell, Ill., Cleveland, Ohio, Meadville, Pa., Norwich, N. Y., Philadelphia, Pa., Southington, Conn.

### FARRIERS' TOOLS, PUNCHES AND CHISELS EQUALIZATION POINTS RECOGNIZED

Bushnell, Ill., Meadville, Pa.

WEIGHTS GIVEN IN THIS PRICE SHEET ARE APPROXIMATED



Page	No.	Article	Packed	Price
4		<b>HELLER BRAND</b> Carpenters' Adze Eye Bell Face Nail Hammers Polished Finish		
		Size Ounce Per ½ Doz. Doz.		
	509	2½ 7 3½ lbs.		\$17.20
	510	2 13 8 lbs.		17.60
	511	1½ 16 9¼ lbs.		17.60
	512	1 20 11½ lbs.		19.60

8		<b>HELLER BRAND</b> Black Finish		
		Size Ounce Per ½ Doz. Doz.		
	509B	2½ 7 3½ lbs.		\$14.00
	510B	2 13 8 lbs.		14.40
	511B	1½ 16 9¼ lbs.		14.40
	512B	1 20 11½ lbs.		16.40

8		<b>EXCELSIOR BRAND</b> Semi Finish		
		Size Ounce Per ½ Doz. Doz.		
	509C	2½ 7 3½ lbs.		\$10.80
	511C	1½ 16 9¼ lbs.		11.20

4		<b>HELLER BRAND</b> Milled Face Polished Finished		
		Size Ounce Per ½ Doz. Doz.		
	511	1½ 16 9¼ lbs.		\$20.00
	512	1 20 11½ lbs.		22.00

5		<b>HELLER BRAND</b> Carpenters' Adze Eye Plain Face Nail Hammers Polished Finish		
		Size Ounce Per ½ Doz. Doz.		
	520	2 13 8 lbs.		\$17.60
	521	1½ 16 9¼ lbs.		17.60
	522	1 20 11½ lbs.		19.60
	523	0 28 15½ lbs.		22.40

9		<b>HELLER BRAND</b> Black Finish		
		Size Ounce Per ½ Doz. Doz.		
	521B	1½ 16 9¼ lbs.		\$14.40
	522B	1 20 11½ lbs.		16.40

9		<b>EXCELSIOR BRAND</b> Semi Finish		
		Size Ounce Per ½ Doz. Doz.		
	521C	1½ 16 9¼ lbs.		\$11.20

5		<b>HELLER BRAND</b> Carpenters' Adze Eye Bell Face Ripping Hammers Polished Finish		
		Size Ounce Per ½ Doz. Doz.		
	500	1½ 16 9¼ lbs.		\$17.60
	501	1 20 11½ lbs.		19.60

9		<b>HELLER BRAND</b> Black Finish		
		Size Ounce Per ½ Doz. Doz.		
	500B	1½ 16 9¼ lbs.		\$14.40
	501B	1 20 11½ lbs.		16.40

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

Page	No.	Article	Packed	Price
9		<b>EXCELSIOR BRAND</b> Carpenters' Adze Eye Bell Face Ripping Hammers - Semi Finish		
		Size Ounce Per ½ Doz. Doz.		
	500C	1½ 16 9¼ lbs.		\$11.20

5		<b>HELLER BRAND</b> Milled Face - Polished Finish		
		Size Ounce Per ½ Doz. Doz.		
	500	1½ 16 9¼ lbs.		\$20.00
	501	1 20 11½ lbs.		22.00

6		<b>HELLER BRAND</b> Machinists' Ball Pein Hammers Polished Finish		
		Size Pounds Per ½ Doz. Doz.		
	797	000000 ½ 1¼ lbs.		\$12.00
	798	00000 ¼ 2½ lbs.		12.00
	800	000 ½ 5 lbs.		12.40
	801	00 ¾ 6½ lbs.		12.80
	802	0 1 8½ lbs.		13.20
	803	1 1¼ 10¼ lbs.		14.80
	804	2 1½ 12 lbs.		15.20
	806	4 2 15½ lbs.		17.60
	808	6 2½ 19 lbs.		19.60
	810	8 3 22 lbs.		21.60

10		<b>HELLER BRAND</b> Black Finish		
		Size Pounds Per ½ Doz. Doz.		
	798B	00000 ¼ 2½ lbs.		\$9.10
	800B	000 ½ 5 lbs.		9.60
	801B	00 ¾ 6½ lbs.		10.00
	802B	0 1 8½ lbs.		10.40
	803B	1 1¼ 10¼ lbs.		12.00
	804B	2 1½ 12 lbs.		12.40
	806B	4 2 15½ lbs.		14.40
	808B	6 2½ 19 lbs.		16.40
	810B	8 3 22 lbs.		19.10

10		<b>EXCELSIOR BRAND</b> Semi Finish		
		Size Pounds Per ½ Doz. Doz.		
	801C	00 ¾ 6½ lbs.		\$9.20
	802C	0 1 8½ lbs.		9.60
	803C	1 1¼ 10¼ lbs.		10.80
	804C	2 1½ 12 lbs.		11.60
	806C	4 2 15½ lbs.		12.80

		<b>HELLER BRAND</b> Machinists' Double-Face Hammers Black Finish Polished Faces		
		Size Pounds Per ½ Doz. Doz.		
	700B	000 ½ 5 lbs.		\$10.60
	702B	0 1 8½ lbs.		11.50
	704B	2 1½ 12 lbs.		13.70
	706B	4 2 15½ lbs.		15.90
	708B	6 2½ 19 lbs.		18.10

Illustrated on Catalogue Sheet—Form No. 180

6		<b>HELLER BRAND</b> Machinists' Cross Pein Hammers Polished Finish		
		Size Pounds Per ½ Doz. Doz.		
	904	2 1½ 12 lbs.		\$19.20

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE



Page	No.	Article	Packed	Price
6		<b>HELLER BRAND</b> <b>Machinists' Straight Pein Hammers</b> <b>Polished Finish</b>		
		Size      Pounds      Per ½ Doz.      Doz.		
	1004	2      1½	12 lbs.	<b>\$19.20</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

7		<b>HELLER BRAND</b> <b>Tinners' Riveting Hammers</b> <b>Full Polished Finish</b>		
		Size      Pounds      Per ½ Doz.      Doz.		
	311	1      ½	4¾ lbs.	<b>\$13.60</b>
	312	2      ¾	6¾ lbs.	<b>13.60</b>
	313	3      1	8½ lbs.	<b>15.60</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

11		<b>HELLER BRAND</b> <b>Tinners' Riveting Hammers</b> <b>Black Finish</b>		
		Size      Pounds      Per ½ Doz.      Doz.		
	311B	1      ½	4¾ lbs.	<b>\$10.40</b>
	312B	2      ¾	6¾ lbs.	<b>10.40</b>
	313B	3      1	8½ lbs.	<b>11.90</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

7		<b>HELLER BRAND</b> <b>Tinners' Paneing Hammer</b> <b>Full Polished Finish</b>		
		Size      Pounds      Per ½ Doz.      Doz.		
	321	2      ¾	6¾ lbs.	<b>\$13.60</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

11		<b>HELLER BRAND</b> <b>Tinners' Paneing Hammer</b> <b>Black Finish</b>		
		Size      Pounds      Per ½ Doz.      Doz.		
	321B	2      ¾	6¾ lbs.	<b>\$10.40</b>

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE

11		<b>HELLER BRAND</b> <b>Scaling Hammer</b> <b>Black Finish</b>		
		Size      Pounds      Per ½ Doz.      Doz.		
	43	0      1	7½ lbs.	<b>\$8.00</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

12		<b>HELLER BRAND</b> <b>Blacksmiths' Rounding or Turning Hammer</b> <b>Black Finish</b> <b>Polished Faces</b>		
		Pounds      Per 1/3 Doz.      Doz.		
	61	2½	12¼ lbs.	<b>\$24.00</b>

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE

12		<b>HELLER BRAND</b> <b>Blacksmiths' Fitting Hammer</b> <b>Black Finish</b> <b>Polish Face</b>		
		Pounds      Per 1/3 Doz.      Doz.		
	62	2½	11¾ lbs.	<b>\$28.80</b>

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE

Page	No.	Article	Packed	Price
12		<b>HELLER BRAND</b> <b>Sharpening Hammer</b> <b>Black Finish</b> <b>Polished Face</b>		
		Pounds      Per ¼ Doz.      Doz.		

67	2½	8 lbs.	<b>\$28.80</b>
----	----	--------	----------------

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE

12		<b>HELLER BRAND</b> <b>Sharpening, Corrugated Pein Hammer</b> <b>Black Finish</b> <b>Polished Face</b>		
		Pounds      Per ¼ Doz.      Doz.		

68	2½	8 lbs.	<b>\$28.80</b>
----	----	--------	----------------

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE

7		<b>HELLER BRAND</b> <b>Blacksmiths' Hand or Engineers' Hammers</b> <b>Full Polished Finish</b>		
		Size      Pounds      Per 1/3 Doz.      Doz.		

300	0	1½	9 lbs.	<b>\$17.40</b>
301	1	2	10¾ lbs.	<b>18.80</b>
302	2	2½	13 lbs.	<b>20.00</b>
303	3	3	14¾ lbs.	<b>22.00</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

13		<b>HELLER BRAND</b> <b>Blacksmiths' Hand or Engineers' Hammers</b> <b>Black Finish</b> <b>Polished Face and Pein</b>		
		Size      Pounds      Per 1/3 Doz.      Doz.		

300B	0	1½	9 lbs.	<b>\$16.10</b>
301B	1	2	10¾ lbs.	<b>16.80</b>
302B	2	2½	13 lbs.	<b>17.90</b>
303B	3	3	14¾ lbs.	<b>20.00</b>

WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE

13		<b>HELLER BRAND</b> <b>Farriers' Driving Hammer</b> <b>Black Finish</b> <b>Polished Face</b>		
		Ounce      Per ½ Doz.      Doz.		

64B	14	7½ lbs.	<b>\$16.00</b>
-----	----	---------	----------------

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE

13		<b>HELLER BRAND</b> <b>Farriers' Driving Hammer, Heller Pattern</b> <b>Black Finish</b> <b>Polished Face</b>		
		Ounce      Per ½ Doz.      Doz.		

65B	16	8¾ lbs.	<b>\$17.60</b>
-----	----	---------	----------------

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE

13		<b>HELLER BRAND</b> <b>Farriers' Driving (RACE-TRAK) Hammer</b> <b>Full Polished Finish</b>		
		Ounce      Per ½ Doz.      Doz.		

65	10	5 lbs.	<b>\$28.00</b>
----	----	--------	----------------

WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE



Page	No.	Article	Packed	Price
14	50	<b>Farriers' Wood Handle Knives</b>		
		Size	Doz.	
		1/4" Blades	1 doz. 2 1/4 lbs.	\$10.00
		3/8" Blades	1 doz. 2 1/4 lbs.	10.00
		1/2" Blades	1 doz. 2 1/4 lbs.	10.00
		5/8" Blades	1 doz. 2 3/4 lbs.	10.00
		7/8" Blades	1 doz. 2 3/4 lbs.	10.00
		1" Blades	1 doz. 2 3/4 lbs.	10.00

14	52	<b>Farriers' Adjustable Iron Handle Knives</b>		
		Size		
		1/4" Blades	1 doz. 4 1/2 lbs.	\$10.00
		3/8" Blades	1 doz. 4 1/2 lbs.	10.00
		1/2" Blades	1 doz. 4 1/2 lbs.	10.00
		5/8" Blades	1 doz. 4 1/2 lbs.	10.00
		3/4" Blades	1 doz. 4 1/2 lbs.	10.00
		7/8" Blades	1 doz. 4 1/2 lbs.	10.00
		1" Blades	1 doz. 4 1/2 lbs.	10.00

14	53	<b>Farriers' Blades for Adjustable Iron Handle Knives</b>		
		Size	Net Doz.	
		1/4"	1 doz. 3/4 lb.	\$8.20
		3/8"	1 doz. 1 lb.	8.20
		1/2"	1 doz. 1 lb.	8.20
		5/8"	1 doz. 1 lb.	8.20
		3/4"	1 doz. 1 lb.	8.20
		7/8"	1 doz. 1 1/8 lbs.	8.20
		1"	1 doz. 1 1/8 lbs.	8.20

14	50A	<b>Farriers' Round Wood Handle Knives</b>		
		Size		
		1/4" Blades	1 doz. 2 1/2 lbs.	\$10.00
		3/8" Blades	1 doz. 2 1/2 lbs.	10.00
		1/2" Blades	1 doz. 2 3/4 lbs.	10.00
		5/8" Blades	1 doz. 2 3/4 lbs.	10.00
		3/4" Blades	1 doz. 3 lbs.	10.00
		7/8" Blades	1 doz. 3 1/8 lbs.	10.00
		1" Blades	1 doz. 3 1/4 lbs.	10.00

15		<b>Farriers' Pincers</b>		
		Size		
	20	14" J.I.C.	1/4 doz. 9 1/2 lbs.	\$24.31
	21	12"	1/2 doz. 13 1/4 lbs.	22.07

15		<b>Carpenters' Pincers</b>		
		Size		
	48	8"	1/2 doz. 5 1/4 lbs.	12.00

16		<b>Farriers' Cutting Nippers</b>		
		Size		
	24	14"	1/2 doz. 16 3/4 lbs.	\$32.00
	24A	12"	1/2 doz. 13 3/4 lbs.	29.50
	24B	10"	1/2 doz. 7 3/4 lbs.	28.00
	24C	8"	1/2 doz. 4 3/4 lbs.	26.50

16		<b>Farriers' Light Cutting Nippers</b>		
		Size		
	25	15"	1/2 doz. 15 1/2 lbs.	\$23.40
	26	13"	1/2 doz. 14 lbs.	19.80

17		<b>Farriers' Hoof Parers</b>		
		Size	Doz.	
	23	14"	1/2 doz. 13 1/2 lbs.	\$33.90
	23A	12"	1/2 doz. 12 1/4 lbs.	32.10

17		<b>Farriers' Hoof Tester</b>		
		Size		
	†27	15"	1/2 doz. 10 3/4 lbs.	\$32.00

18		<b>Clincher</b>		
		Size		
	28	12"	1/2 doz. 8 lbs.	\$48.00

18		<b>Farriers' Pritchels</b>		
		Size		
	30	12"	1 doz. 11 1/4 lbs.	\$4.68

19		<b>Farriers' Straight Hardies</b>		
		Size		
	31	7/8" Shanks	1/2 doz. 7 1/4 lbs.	\$10.40
		1" Shanks	1/2 doz. 7 1/2 lbs.	10.40
		1 1/8" Shanks	1/2 doz. 8 3/4 lbs.	10.40
		1 1/4" Shanks	1/2 doz. 11 lbs.	10.40

19		<b>Farriers' Half Round Hardies</b>		
		Size		
	32	7/8" Shanks	1/2 doz. 7 lbs.	\$15.20
		1" Shanks	1/2 doz. 8 lbs.	15.20
		1 1/8" Shanks	1/2 doz. 8 lbs.	15.20
		1 1/4" Shanks	1/2 doz. 10 lbs.	15.20

19		<b>Farriers' Creasing Fullers</b>		
		Size		
	33	7/8"	1 doz. 5 lbs.	\$9.50
		1"	1 doz. 5 lbs.	9.50
		1 1/8"	1 doz. 5 lbs.	9.50

19		<b>Farriers' Scotch Pattern Creasing Fullers</b>		
		Size		
	33A	†1"	1/2 doz. 5 lbs.	\$11.88
		†1 1/8"	1/2 doz. 5 lbs.	11.88
		†1 1/4"	1/2 doz. 5 lbs.	11.88

20		<b>Farriers' Sole Knives</b>		
		Size		
	35	8" to 8 1/2"	1 doz. 9 3/4 lbs.	\$10.00

20		<b>Farriers' Buffer</b>		
		Size		
	39	6"	1 doz. 9 3/4 lbs.	\$10.00

20		<b>Heller Nucut Round Knife File</b>		
		Size		
	54	4"	1 doz. 1/2 lb.	\$2.30

21		<b>Heading Tools - Round Hole</b>		
		Size	Length	Wt. per Doz.
	84	†3/4"	18"	48 lbs.
		†7/8"	18"	48 lbs.

†Will discontinue size on depletion of stock.



Page	No.	Article	Wt. per Doz.	Price
21		<b>Farriers' Tongs</b>		
		Size	Wt. per Doz.	Each
	70A	14"	20 $\frac{1}{4}$ lbs.	\$1.57
	70B	16"	26 $\frac{1}{4}$ lbs.	1.68
22		<b>Blacksmiths' Straight Lip Tongs</b>		
		Size		
	71B	16" x 0"	26 $\frac{1}{4}$ lbs.	\$1.66
	71C	18" x $\frac{1}{4}$ "	27 lbs.	1.68
	71D	20" x $\frac{1}{2}$ "	36 $\frac{3}{4}$ lbs.	1.72
	71E	22" x $\frac{3}{4}$ "	39 $\frac{3}{4}$ lbs.	1.80
	71F	24" x 1"	56 lbs.	1.80
22		<b>Blacksmiths' Double Pick-up Tongs</b>		
		Size		
	72	18"	27 lbs.	\$1.73
	72A	20"	28 lbs.	1.74
	72B	22"	30 lbs.	1.86
	72C	24"	32 $\frac{1}{2}$ lbs.	1.86
22		<b>Blacksmiths' Single Pick-up Tongs</b>		
		Size		
	72R	18"	28 lbs.	\$1.73
	72S	20"	29 lbs.	1.74
	72SP	22"	30 lbs.	1.86
	72SA	24"	32 $\frac{1}{2}$ lbs.	1.86
22		<b>Blacksmiths' "V" Shaped Tongs</b>		
		Size		
	73B	18" x $\frac{1}{4}$ "	26 $\frac{1}{4}$ lbs.	\$1.13
	73C	20" x $\frac{1}{2}$ "	36 lbs.	1.18
	73D	22" x $\frac{3}{4}$ "	39 $\frac{3}{4}$ lbs.	1.20
	73E	24" x 1"	52 $\frac{3}{4}$ lbs.	1.31
	73F	26" x 1 $\frac{1}{4}$ "	57 $\frac{3}{4}$ lbs.	1.58
23		<b>Blacksmiths' Curved Lip Fluted Jaw Tongs</b>		
		Size		
	74	18" x $\frac{1}{4}$ "	30 lbs.	\$1.86
	74A	20" x $\frac{1}{2}$ "	40 $\frac{1}{2}$ lbs.	1.96
	74B	22" x $\frac{3}{4}$ "	45 lbs.	1.96
	74C	24" x 1"	53 $\frac{1}{4}$ lbs.	2.07
	74D	26" x 1 $\frac{1}{2}$ "	78 $\frac{1}{4}$ lbs.	2.14
23		<b>Blacksmiths' Brazing Tongs</b>		
		Size		
	75	18"	41 $\frac{1}{4}$ lbs.	\$1.70
23		<b>Blacksmiths' Gad Tongs</b>		
		Size		
	76C	24"	54 lbs.	\$1.80
23		<b>Blacksmiths' Rivet Tongs</b>		
		Size		
	77	18"	25 $\frac{1}{2}$ lbs.	\$1.68
	77A	20"	28 $\frac{1}{2}$ lbs.	1.70
	77B	22"	30 $\frac{1}{2}$ lbs.	1.85
	77C	24"	33 lbs.	1.97
24		<b>Blacksmiths' Cold Chisels</b>		
		Cutting Edge	Size of Stock	Length
	95	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	6" 24 lbs. \$1.19
		1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	7" 36 lbs. 1.54
		1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "	8" 60 lbs. 2.38

Page	No.	Article	Wt. per Doz.	Price
24		<b>Blacksmiths' Hot Chisels</b>		
		Cutting Edge	Size of Stock	Length
	96	1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	7 $\frac{3}{8}$ " 24 lbs. \$1.24
		2"	1 $\frac{1}{2}$ "	8 $\frac{1}{4}$ " 36 lbs. 1.56
		2 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "	9 $\frac{3}{4}$ " 60 lbs. 2.41
24		<b>Blacksmiths' Round Punches</b>		
		Size of Face		
	98	$\frac{1}{4}$ "	18 lbs.	\$1.02
		$\frac{3}{8}$ "	21 lbs.	1.02
		$\frac{1}{2}$ "	24 lbs.	1.05
		$\frac{5}{8}$ "	27 lbs.	1.24
		$\frac{3}{4}$ "	30 lbs.	1.29
		$\frac{7}{8}$ "	36 lbs.	1.44
		1"	39 lbs.	1.68
24		<b>Blacksmiths' Square Punches</b>		
		Size of Face		
	99	$\frac{1}{4}$ "	21 lbs.	\$1.02
		$\frac{3}{8}$ "	25 lbs.	1.02
		$\frac{1}{2}$ "	27 lbs.	1.05
		$\frac{5}{8}$ "	30 lbs.	1.24
		$\frac{3}{4}$ "	33 lbs.	1.29
		$\frac{7}{8}$ "	38 lbs.	1.44
		1"	42 lbs.	1.68
25		<b>Blacksmiths' Bottom Swages</b>		
		Size		
	100	$\frac{1}{4}$ "	24 lbs.	\$1.26
		$\frac{3}{8}$ "	26 lbs.	1.26
		$\frac{1}{2}$ "	27 lbs.	1.26
		$\frac{5}{8}$ "	29 lbs.	1.33
		$\frac{3}{4}$ "	30 lbs.	1.33
		$\frac{7}{8}$ "	34 lbs.	1.54
		1"	36 lbs.	1.54
		1 $\frac{1}{4}$ "	36 lbs.	1.66
		1 $\frac{1}{2}$ "	42 lbs.	1.90
		1 $\frac{3}{4}$ "	48 lbs.	2.00
		2"	51 lbs.	2.28
		SHANKS FOR 1-INCH ANVIL HOLE		
25		<b>Blacksmiths' Top Swages</b>		
		Size		
	101	$\frac{1}{4}$ "	27 lbs.	\$1.26
		$\frac{3}{8}$ "	26 lbs.	1.26
		$\frac{1}{2}$ "	27 lbs.	1.26
		$\frac{5}{8}$ "	34 lbs.	1.33
		$\frac{3}{4}$ "	36 lbs.	1.33
		$\frac{7}{8}$ "	37 lbs.	1.54
		1"	39 lbs.	1.54
		1 $\frac{1}{4}$ "	42 lbs.	1.66
		1 $\frac{1}{2}$ "	48 lbs.	1.90
		1 $\frac{3}{4}$ "	52 lbs.	2.00
		2"	54 lbs.	2.28



Page	No.	Article	Wt. per Doz.	Price
25		<b>Blacksmiths' Bottom Fullers</b>		
		Size		Each
102		1/4"	24 lbs.	\$1.29
		1/2"	30 lbs.	1.29
		3/4"	33 lbs.	1.33
		1"	36 lbs.	1.59
		1 1/4"	39 lbs.	1.91
		1 1/2"	42 lbs.	1.91
		2"	57 lbs.	2.28

SHANKS FOR 1-INCH ANVIL HOLE

25		<b>Blacksmiths' Top Fullers</b>		
		Size		
103		1/4"	27 lbs.	\$1.29
		1/2"	30 lbs.	1.29
		3/4"	33 lbs.	1.33
		1"	36 lbs.	1.59
		1 1/4"	39 lbs.	1.91
		1 1/2"	42 lbs.	1.91
		2"	54 lbs.	2.28

26		<b>Blacksmiths' Square Flatteners</b>		
		Size		
104		2"	30 lbs.	\$1.50
		2 1/2"	42 lbs.	1.99
		3"	60 lbs.	2.50
		4"	78 lbs.	5.03

26		<b>Blacksmiths' Set Hammers</b>		
		Size		
105		1"	14 1/4 lbs.	\$1.23
		1 1/4"	18 lbs.	1.23
		1 1/2"	24 lbs.	1.54

26		<b>Blacksmiths' Straight Hardies</b>		
		Size of Shank		
97		5/8"	10 lbs.	\$0.73
		3/4"	15 lbs.	.73
		7/8"	22 lbs.	.81
		1"	24 lbs.	.96
		1 1/8"	30 lbs.	1.24
		1 1/4"	36 lbs.	1.29

27		<b>Masterenches</b>		
		<b>Smooth Jaws for Nuts and Bolts</b>		
	Length	Packed	Wt. Each	Black Parkerized Finish
	6"	1 only	5 oz.	\$0.70
	8"	1 only	11 oz.	.83
	10"	1 only	14 oz.	1.13
	14"	1 only	2 3/4 lbs.	1.83
	18"	1 only	4 1/4 lbs.	2.93

27		<b>Masterenches</b>		
		<b>Pipe Jaws with Teeth for Use on Pipes</b>		
	Length	Packed	Wt. Each	Black Parkerized Finish
	6"	1 only	5 oz.	\$0.73
	8"	1 only	11 oz.	.90
	10"	1 only	14 oz.	1.30
	14"	1 only	2 3/4 lbs.	2.03
	18"	1 only	4 1/4 lbs.	3.03

28		<b>Bull Point Chisels</b>		
		Size		Doz.
90		12" x 7/8"	1/2 doz.	12 lbs. \$16.89
		15" x 1"	1/2 doz.	20 lbs. 18.74
		24" x 1 1/4"	1/2 doz.	52 lbs. 32.37

28		<b>Hand Cold Chisels</b>		
	Size of Stock	Width of Bit	Length	
85	1/4"	5/16"	5"	1 doz. 1 lb. \$2.00
	5/16"	3/8"	5"	1 doz. 1 1/4 lbs. 2.00
	3/8"	7/16"	5 1/2"	1 doz. 2 lbs. 2.52
	7/16"	1/2"	6"	1 doz. 3 lbs. 3.02
	1/2"	5/8"	6"	1 doz. 4 lbs. 3.02
	5/8"	3/4"	6 1/2"	1 doz. 6 3/4 lbs. 3.90
	3/4"	7/8"	7 1/2"	1 doz. 10 3/4 lbs. 4.92
	7/8"	1"	8"	1 doz. 15 1/2 lbs. 6.39
	1"	1 1/8"	8 1/2"	1 doz. 22 1/2 lbs. 7.85

Sold by Size of Stock

28		<b>Hand Cold Chisels</b>		
		<b>Extra Length</b>		
	Size of Stock	Width of Bit	Length	
85	1/2"	5/8"	12"	1/2 doz. 4 1/4 lbs. \$5.42
	5/8"	3/4"	12"	1/2 doz. 6 1/2 lbs. 5.91
	3/4"	7/8"	12"	1/2 doz. 7 3/4 lbs. 6.88
	7/8"	1"	12"	1/2 doz. 12 1/2 lbs. 9.85
	1"	1 1/8"	12"	1/2 doz. 15 3/4 lbs. 10.82
	3/4"	7/8"	18"	1/2 doz. 13 3/4 lbs. 9.85
	7/8"	1"	18"	1/2 doz. 18 lbs. 11.82
	1"	1 1/8"	18"	1/2 doz. 24 1/2 lbs. 14.77
	7/8"	1"	24"	1/2 doz. 24 1/2 lbs. 15.76
	1"	1 1/8"	24"	1/2 doz. 32 1/2 lbs. 19.70

Sold by Size of Stock

28		<b>Cape Chisels</b>		
	Size of Stock	Width of Bit	Length	
86	1/4"	1/8"	5"	1 doz. 1 lb. \$3.09
	3/8"	3/16"	5"	1 doz. 1 3/4 lbs. 3.09
	1/2"	1/4"	6"	1 doz. 3 1/4 lbs. 4.13
	1/2"	5/16"	7"	1 doz. 4 lbs. 4.13
	5/8"	3/8"	7"	1 doz. 6 lbs. 5.16
	3/4"	1/2"	7 1/2"	1 doz. 9 3/4 lbs. 6.19
	7/8"	5/8"	8"	1 doz. 14 1/2 lbs. 7.22
	1"	3/4"	8 1/2"	1 doz. 18 1/2 lbs. 8.25

Sold by Size of Bit



Page	No.	Article	Packed	Price
28		<b>Round Nose Chisels</b>		
		Size of Stock    Width of Bit    Length		Doz.
87	$\frac{3}{8}$ "	$3\frac{1}{16}$ " $5\frac{1}{4}$ "	1 doz.	2 lbs. \$4.13
	$\frac{1}{2}$ "	$\frac{1}{4}$ " 6"	1 doz.	3 $\frac{1}{2}$ lbs. 4.13
	$\frac{1}{2}$ "	$5\frac{1}{16}$ " 7"	1 doz.	4 $\frac{1}{2}$ lbs. 4.13
	$\frac{3}{8}$ "	$\frac{3}{8}$ " 7"	1 doz.	6 $\frac{1}{2}$ lbs. 5.16
	$\frac{3}{4}$ "	$\frac{1}{2}$ " $7\frac{1}{2}$ "	1 doz.	9 $\frac{3}{4}$ lbs. 6.19
	$\frac{7}{8}$ "	$\frac{5}{8}$ " 8"	1 doz.	14 $\frac{1}{2}$ lbs. 7.22
	1"	$\frac{3}{4}$ " $8\frac{1}{2}$ "	1 doz.	18 $\frac{1}{2}$ lbs. 8.25

Sold by Size of Bit

28		<b>Diamond Point Chisels</b>		
		Size of Stock    Width of Bit    Length		
88	$\frac{1}{2}$ "	$\frac{1}{4}$ " 6"	1 doz.	5 lbs. \$4.13
	$\frac{1}{2}$ "	$5\frac{1}{16}$ " 7"	1 doz.	5 lbs. 4.13
	$\frac{3}{8}$ "	$\frac{3}{8}$ " 7"	1 doz.	6 $\frac{1}{2}$ lbs. 5.16
	$\frac{3}{4}$ "	$\frac{1}{2}$ " $7\frac{1}{2}$ "	1 doz.	10 $\frac{1}{2}$ lbs. 6.19
	$\frac{7}{8}$ "	$\frac{5}{8}$ " 8"	1 doz.	15 $\frac{1}{4}$ lbs. 7.22
	1"	$\frac{3}{4}$ " $8\frac{1}{2}$ "	1 doz.	22 lbs. 8.25

Sold by Size of Bit

29		<b>Hand Punches</b>		
		Size of Stock    Width of Bit    Length		
89	$\frac{1}{4}$ "	$1\frac{1}{32}$ " 5"	1 doz.	$\frac{3}{4}$ lb. \$1.69
	$\frac{1}{4}$ "	$1\frac{1}{16}$ " $5\frac{1}{2}$ "	1 doz.	1 lb. 1.82
	$\frac{3}{8}$ "	$\frac{1}{8}$ " $7\frac{1}{2}$ "	1 doz.	2 $\frac{3}{4}$ lbs. 3.09
	$\frac{1}{2}$ "	$3\frac{1}{16}$ " 8"	1 doz.	4 $\frac{3}{4}$ lbs. 3.94
	$\frac{5}{8}$ "	$\frac{1}{4}$ " $8\frac{1}{2}$ "	1 doz.	7 $\frac{3}{4}$ lbs. 5.91
	$\frac{3}{4}$ "	$5\frac{1}{16}$ " 9"	1 doz.	11 $\frac{1}{4}$ lbs. 8.30

Page	No.	Article	Packed	Price
29		<b>Drift Punches and Lining Up Bars</b>		
		Length    Size of Stock    Width of Bit		Doz.
420	5" x $\frac{1}{4}$ " x $\frac{1}{8}$ "	1 doz.	$\frac{3}{4}$ lb.	\$2.81
421	6" x $5\frac{1}{16}$ " x $\frac{1}{8}$ "	1 doz.	1 $\frac{1}{4}$ lbs.	3.75
422	8" x $\frac{3}{8}$ " x $3\frac{1}{16}$ "	1 doz.	2 $\frac{1}{2}$ lbs.	4.69
423	9" x $\frac{1}{2}$ " x $\frac{1}{4}$ "	1 doz.	4 $\frac{3}{4}$ lbs.	6.56
424	11" x $\frac{5}{8}$ " x $5\frac{1}{16}$ "	1 doz.	9 $\frac{1}{4}$ lbs.	8.44
425	16" x $\frac{5}{8}$ " x $5\frac{1}{16}$ "	1 doz.	14 $\frac{3}{4}$ lbs.	10.32

29		<b>Rivet Punches</b>		
		Length    Size of Stock    Width of Bit		
430	4" x $5\frac{1}{16}$ " x $\frac{1}{8}$ "	1 doz.	1 lb.	\$2.81
431	5" x $\frac{3}{8}$ " x $\frac{1}{8}$ "	1 doz.	1 $\frac{3}{4}$ lbs.	3.75
432	6" x $\frac{1}{2}$ " x $3\frac{1}{16}$ "	1 doz.	3 $\frac{3}{4}$ lbs.	4.69
433	7" x $\frac{5}{8}$ " x $\frac{1}{4}$ "	1 doz.	5 $\frac{3}{4}$ lbs.	5.63
434	11" x $\frac{5}{8}$ " x $\frac{1}{4}$ "	1 doz.	10 $\frac{1}{4}$ lbs.	6.56

29		<b>Pin Punches</b>		
		Width of Bit    Size of Stock    Length		
440	$3\frac{3}{32}$ " $\frac{1}{4}$ " 4 $3\frac{1}{16}$ "	1 doz.	$\frac{1}{2}$ lb.	\$2.81
441	$\frac{1}{8}$ " $5\frac{1}{16}$ " $4\frac{3}{4}$ "	1 doz.	1 lb.	2.81
442	$5\frac{1}{32}$ " $\frac{3}{8}$ " $5\frac{1}{4}$ "	1 doz.	1 $\frac{1}{2}$ lbs.	3.75
443	$3\frac{1}{16}$ " $7\frac{1}{16}$ " $5\frac{5}{8}$ "	1 doz.	2 lbs.	3.75
444	$\frac{1}{4}$ " $\frac{1}{2}$ " 6 $5\frac{1}{16}$ "	1 doz.	2 $\frac{3}{4}$ lbs.	4.69
445	$5\frac{1}{16}$ " $\frac{1}{2}$ " $6\frac{5}{8}$ "	1 doz.	3 $\frac{1}{4}$ lbs.	4.69

Box of six assorted Pin Punches

Nos. 440 to 445 inclusive

Weight 1 lb.

Price \$1.87

29		<b>Center Punches</b>		
		Length    Size of Stock		
450	4" x $5\frac{1}{16}$ "	1 doz.	1 lb.	\$2.81
451	5" x $\frac{3}{8}$ "	1 doz.	1 $\frac{3}{4}$ lbs.	3.75
452	$5\frac{1}{2}$ " x $\frac{1}{2}$ "	1 doz.	3 lbs.	3.75
453	6" x $\frac{5}{8}$ "	1 doz.	4 $\frac{3}{4}$ lbs.	4.00



# HELLER

## BROTHERS COMPANY

# TOOL CATALOG



**TEMPORARY NUMBER T-44**

(REVISED JUNE 1st, 1949)

**MORE THAN 100 YEARS OF EXPERT TOOL MANUFACTURING**

MAIN OFFICE

**NEWARK 4, NEW JERSEY**

U. S. A.

Plant No. 1

**NEWARK 4, NEW JERSEY**

Plant No. 2

**NEWCOMERSTOWN, OHIO**

### BRANCH OFFICES

**PHILADELPHIA 33**  
**2250 N. NINTH ST.**

**MILWAUKEE 4**  
**1571 W. PIERCE ST.**

**SAN FRANCISCO 3**  
**1559 HOWARD ST.**

CABLE ADDRESS  
**HELLER NEWARK**

Codes  
Bentley's, Lieber's  
Western Union A.B.C. 5th and 6th Editions

**CHICAGO 6**  
**166 N. CLINTON ST.**

**DETROIT 9**  
**4461 W. JEFFERSON AVE.**

**CANADIAN OFFICE**  
**INGERSOLL, ONT.**

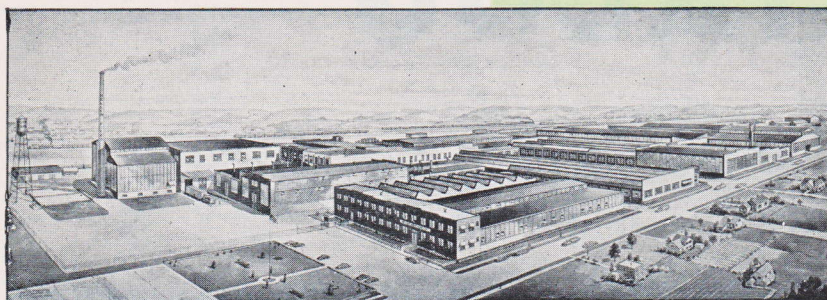
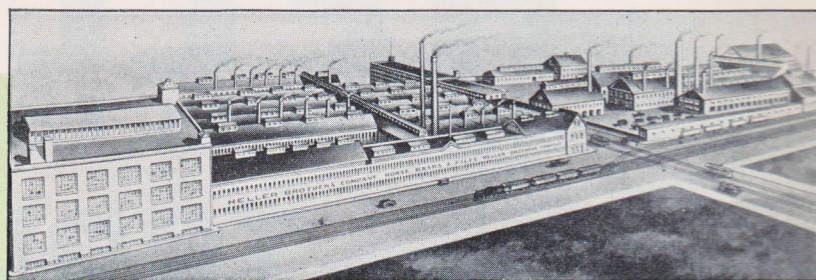




HELLER BROTHERS COMPANY

**PLANT NUMBER ONE**  
NEWARK, NEW JERSEY

●  
**GENERAL OFFICES**  
**EASTERN WAREHOUSE**  
**AND STEEL WORKS**



**PLANT NUMBER TWO**  
NEWCOMERSTOWN, OHIO

●  
**MAIN**  
**MANUFACTURING PLANT**  
**AND**  
**RESEARCH LABORATORIES**

**OVER 100 YEARS OF EXPERIENCE**

**MANUFACTURERS OF**

**NUCUT AMERICAN PATTERN FILES, SWISS PATTERN FILES, HELLER VIXEN**  
**MILLED CURVED TOOTH FILES, HORSE RASPS, WOOD RASPS, FARRIERS',**  
**BLACKSMITHS' AND AUTOMOTIVE TOOLS, MACHINISTS', CARPENTERS', TIN-**  
**NERS', BRICKLAYERS' AND TILE SETTERS' HAMMERS, MASTERENCHES AND**  
**TOOL STEEL**





## FOREWORD

**T**HIS TOOL CATALOG has been prepared to illustrate the tools which are now available. A permanent catalog will be issued in the near future.

Since 1836, through experimentation and careful research, and with the cooperation of our faithful employees, we have fashioned the fine HELLER TOOLS so essential to the present demand for INCREASED PRODUCTION.

That we have been successful in our endeavor to produce QUALITY TOOLS has been proved by the steady year-by-year increase in our business.

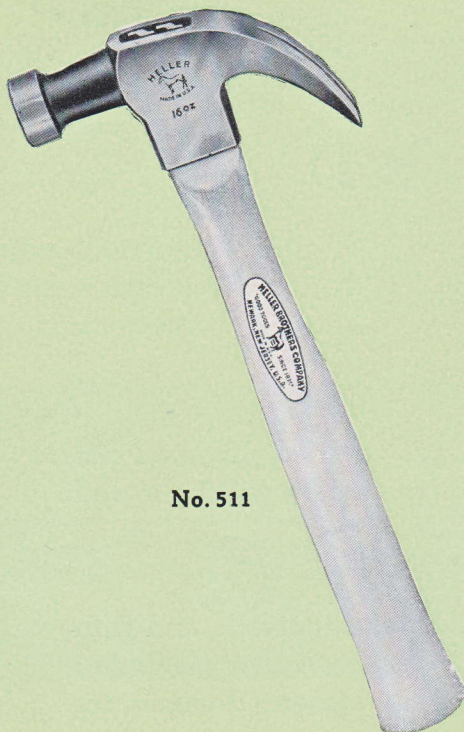
We believe that this catalog will be a useful guide in selecting the tools you require.

Weights given in this catalog are approximated.

Our net price schedule showing current prices, terms, etc., will be sent upon request.

HELLER BROTHERS COMPANY





No. 511

No. 511  
Milled Face

## HELLER NAIL HAMMERS

CARPENTERS' ADZE EYE BELL FACE,  
POLISHED FINISH

NO.	SIZE	OUNCE	PACKED	
509	2½	7	½ doz.	3½ lbs.
510	2	13	½ doz.	8 lbs.
511	1½	16	½ doz.	9¼ lbs.
512	1	20	½ doz.	11½ lbs.

MILLED FACE, POLISHED FINISH

NO.	SIZE	OUNCE	PACKED	
511	1½	16	½ doz.	9¼ lbs.
512	1	20	½ doz.	11½ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are drop forged.

GOOD TOOLS



SINCE 1836





No. 521

No. 500

No. 500  
Milled Face

## HELLER NAIL HAMMERS

CARPENTERS' ADZE EYE PLAIN FACE,  
POLISHED FINISH

NO.	SIZE	OUNCE	PACKED	
520	2	13	½ doz.	8 lbs.
521	1½	16	½ doz.	9¼ lbs.
522	1	20	½ doz.	11½ lbs.
523	0	28	½ doz.	15½ lbs.

CARPENTERS' ADZE EYE BELL FACE RIPPING  
POLISHED FINISH

NO.	SIZE	OUNCE	PACKED	
500	1½	16	½ doz.	9¼ lbs.
501	1	20	½ doz.	11½ lbs.

MILLED FACE, POLISHED FINISH

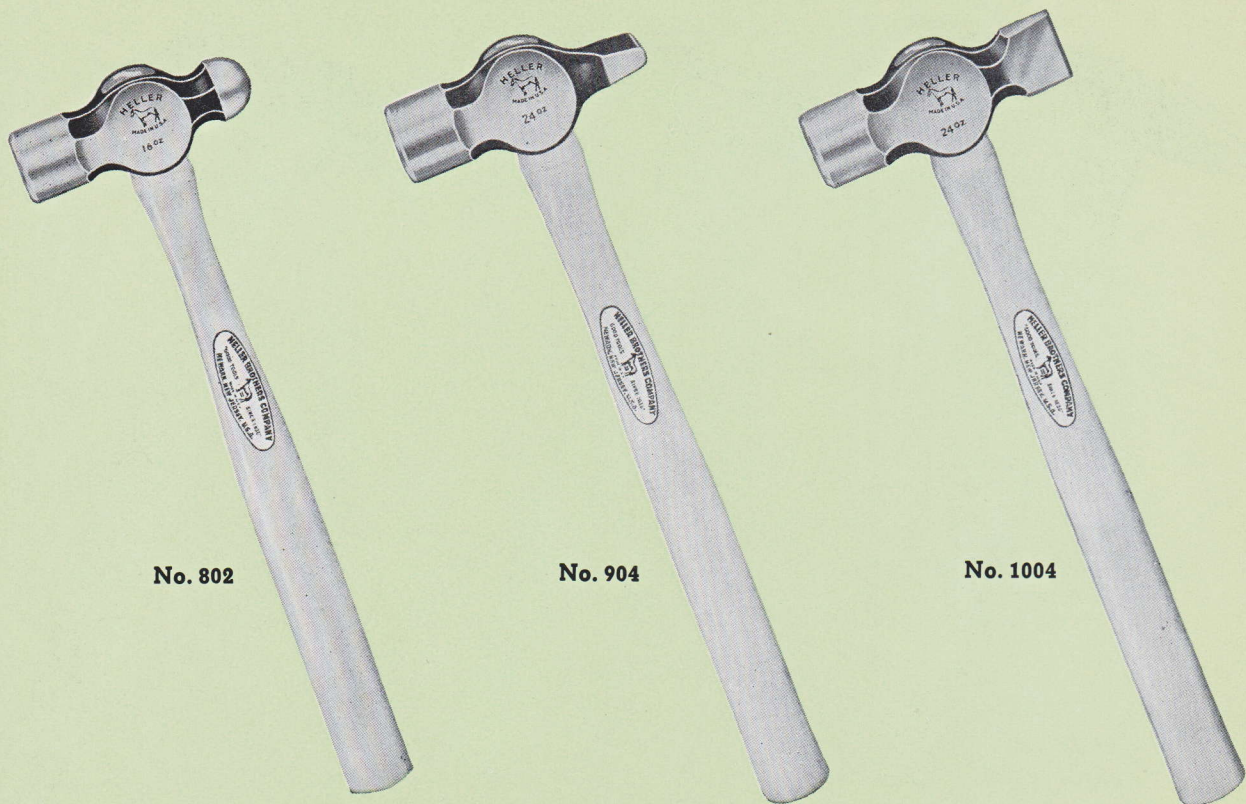
NO.	SIZE	OUNCE	PACKED	
500	1½	16	½ doz.	9¼ lbs.
501	1	20	½ doz.	11½ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are properly hardened and tempered. Balanced correctly.







No. 802

No. 904

No. 1004

## HELLER MACHINISTS' HAMMERS

### BALL PEIN, POLISHED FINISH

NO.	SIZE	POUNDS	PACKED	
797	000000	$\frac{1}{8}$	$\frac{1}{2}$ doz.	1 $\frac{1}{4}$ lbs.
798	00000	$\frac{1}{4}$	$\frac{1}{2}$ doz.	2 $\frac{1}{2}$ lbs.
800	000	$\frac{1}{2}$	$\frac{1}{2}$ doz.	5 lbs.
801	00	$\frac{3}{4}$	$\frac{1}{2}$ doz.	6 $\frac{1}{2}$ lbs.
802	0	1	$\frac{1}{2}$ doz.	8 $\frac{1}{2}$ lbs.
803	1	1 $\frac{1}{4}$	$\frac{1}{2}$ doz.	10 $\frac{1}{4}$ lbs.
804	2	1 $\frac{1}{2}$	$\frac{1}{2}$ doz.	12 lbs.
806	4	2	$\frac{1}{2}$ doz.	15 $\frac{1}{2}$ lbs.
808	6	2 $\frac{1}{2}$	$\frac{1}{2}$ doz.	19 lbs.
810	8	3	$\frac{1}{2}$ doz.	22 lbs.

### CROSS PEIN, POLISHED FINISH

NO.	SIZE	POUNDS	PACKED	
904	2	1 $\frac{1}{2}$	$\frac{1}{2}$ doz.	12 lbs.

### STRAIGHT PEIN, POLISHED FINISH

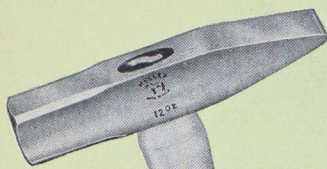
NO.	SIZE	POUNDS	PACKED	
1004	2	1 $\frac{1}{2}$	$\frac{1}{2}$ doz.	12 lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

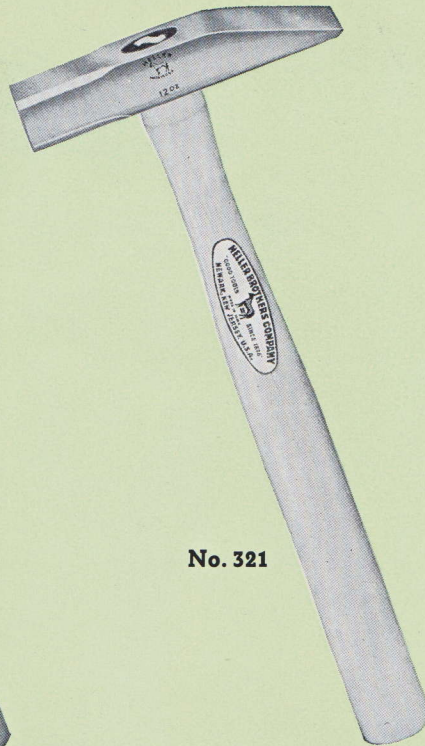
All hammers are drop forged.







No. 312



No. 321



No. 301

## HELLER TINNERS' AND HAND HAMMERS

### TINNERS' RIVETING, FULL POLISHED FINISHED

NO.	SIZE	POUNDS	PACKED	
311	1	$\frac{1}{2}$	$\frac{1}{2}$ doz.	4 $\frac{3}{4}$ lbs.
312	2	$\frac{3}{4}$	$\frac{1}{2}$ doz.	6 $\frac{3}{4}$ lbs.
313	3	1	$\frac{1}{2}$ doz.	8 $\frac{1}{2}$ lbs.

### TINNERS' PANEING, FULL POLISHED FINISH

NO.	SIZE	POUNDS	PACKED	
321	2	$\frac{3}{4}$	$\frac{1}{2}$ doz.	6 $\frac{3}{4}$ lbs.

### BLACKSMITHS' HAND OR ENGINEERS, FULL POLISHED FINISH

NO.	SIZE	POUNDS	PACKED	
300	0	1 $\frac{1}{2}$	$\frac{1}{3}$ doz.	9 lbs.
301	1	2	$\frac{1}{3}$ doz.	10 $\frac{3}{4}$ lbs.
302	2	2 $\frac{1}{2}$	$\frac{1}{3}$ doz.	13 lbs.
303	3	3	$\frac{1}{3}$ doz.	14 $\frac{3}{4}$ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are properly hardened and tempered. Balanced correctly.







No. 511B

BLACK FINISH  
DISCONTINUED

## HELLER NAIL HAMMERS

CARPENTERS' ADZE EYE BELL FACE, BLACK FINISH,  
POLISHED FACE AND CLAW

NO.	SIZE	OUNCE	PACKED	
509B	2½	7	½ doz.	3½ lbs.
510B	2	13	½ doz.	8 lbs.
511B	1½	16	½ doz.	9¼ lbs.
512B	1	20	½ doz.	11½ lbs.

### EXCELSIOR BRAND BLACK FINISH

509C	2½	7	½ doz.	3½ lbs.
511C	1½	16	½ doz.	9¼ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are drop forged.

GOOD TOOLS



SINCE 1836





No. 521B

No. 500B

BLACK FINISH  
DISCONTINUED

## HELLER NAIL HAMMERS

CARPENTERS' ADZE EYE PLAIN FACE, BLACK FINISH,  
POLISHED FACE AND CLAW

NO.	SIZE	OUNCE	PACKED	
521B	1½	16	½ doz.	9¼ lbs.
522B	1	20	½ doz.	11½ lbs.

## EXCELSIOR BRAND BLACK FINISH

521C	1½	16	½ doz.	9¼ lbs.
------	----	----	--------	---------

CARPENTERS' ADZE EYE BELL FACE RIPPING, BLACK FINISH,  
POLISHED FACE AND CLAW

NO.	SIZE	OUNCE	PACKED	
500B	1½	16	½ doz.	9¼ lbs.
501B	1	20	½ doz.	11½ lbs.

## EXCELSIOR BRAND BLACK FINISH

500C	1½	16	½ doz.	9¼ lbs.
------	----	----	--------	---------

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

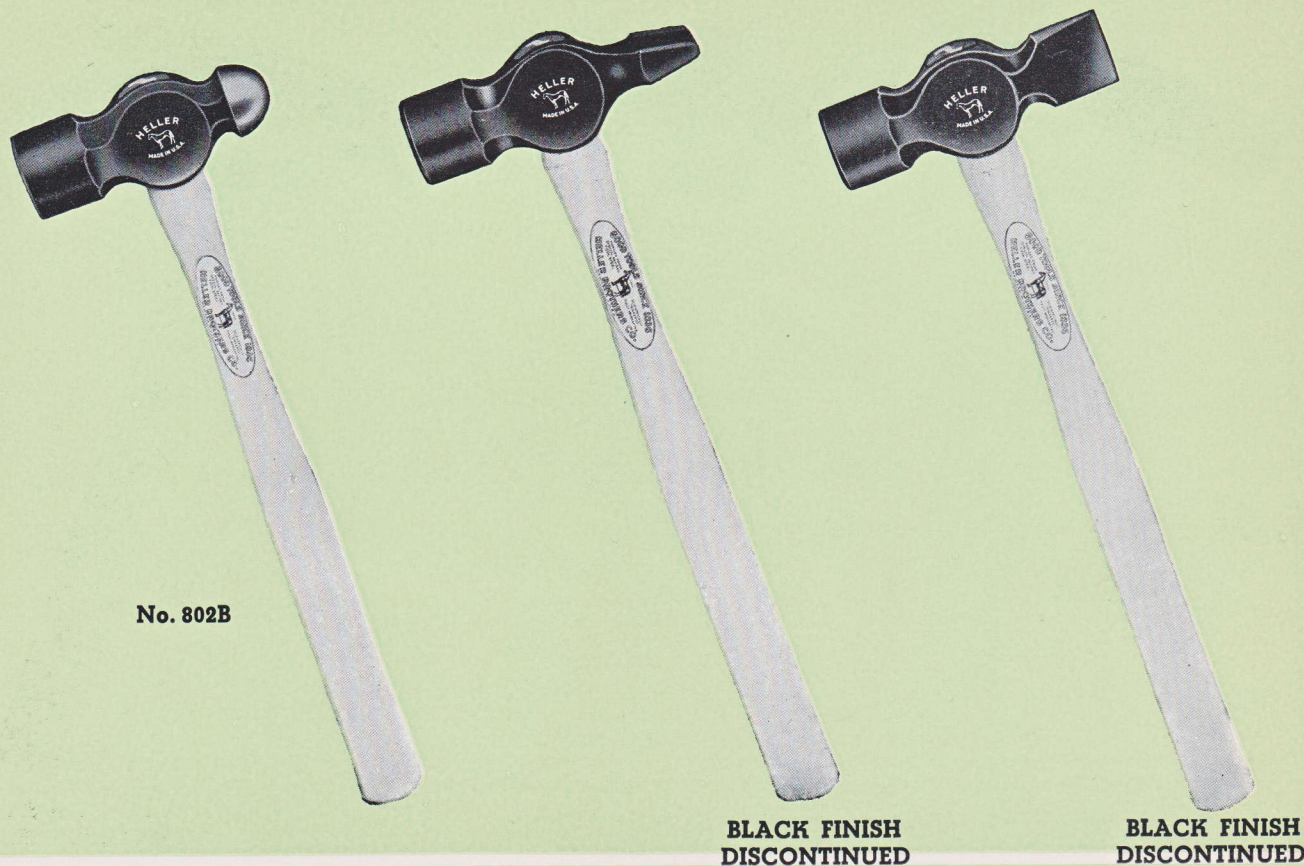
All hammers are properly hardened and tempered. Balanced correctly.

GOOD TOOLS

SINCE 1836







### HELLER MACHINISTS' HAMMERS

BALL PEIN, BLACK FINISH, POLISHED FACE AND PEIN

NO.	SIZE	POUNDS	PACKED	
798B	00000	$\frac{1}{4}$	$\frac{1}{2}$ doz.	2 $\frac{1}{2}$ lbs.
800B	000	$\frac{1}{2}$	$\frac{1}{2}$ doz.	5 lbs.
801B	00	$\frac{3}{4}$	$\frac{1}{2}$ doz.	6 $\frac{1}{2}$ lbs.
802B	0	1	$\frac{1}{2}$ doz.	8 $\frac{1}{2}$ lbs.
803B	1	1 $\frac{1}{4}$	$\frac{1}{2}$ doz.	10 $\frac{1}{4}$ lbs.
804B	2	1 $\frac{1}{2}$	$\frac{1}{2}$ doz.	12 lbs.
806B	4	2	$\frac{1}{2}$ doz.	15 $\frac{1}{2}$ lbs.
808B	6	2 $\frac{1}{2}$	$\frac{1}{2}$ doz.	19 lbs.
810B	8	3	$\frac{1}{2}$ doz.	22 lbs.

### EXCELSIOR BRAND BLACK FINISH

801C	00	$\frac{3}{4}$	$\frac{1}{2}$ doz.	6 $\frac{1}{2}$ lbs.
802C	0	1	$\frac{1}{2}$ doz.	8 $\frac{1}{2}$ lbs.
803C	1	1 $\frac{1}{4}$	$\frac{1}{2}$ doz.	10 $\frac{1}{4}$ lbs.
804C	2	1 $\frac{1}{2}$	$\frac{1}{2}$ doz.	12 lbs.
806C	4	2	$\frac{1}{2}$ doz.	15 $\frac{1}{2}$ lbs.

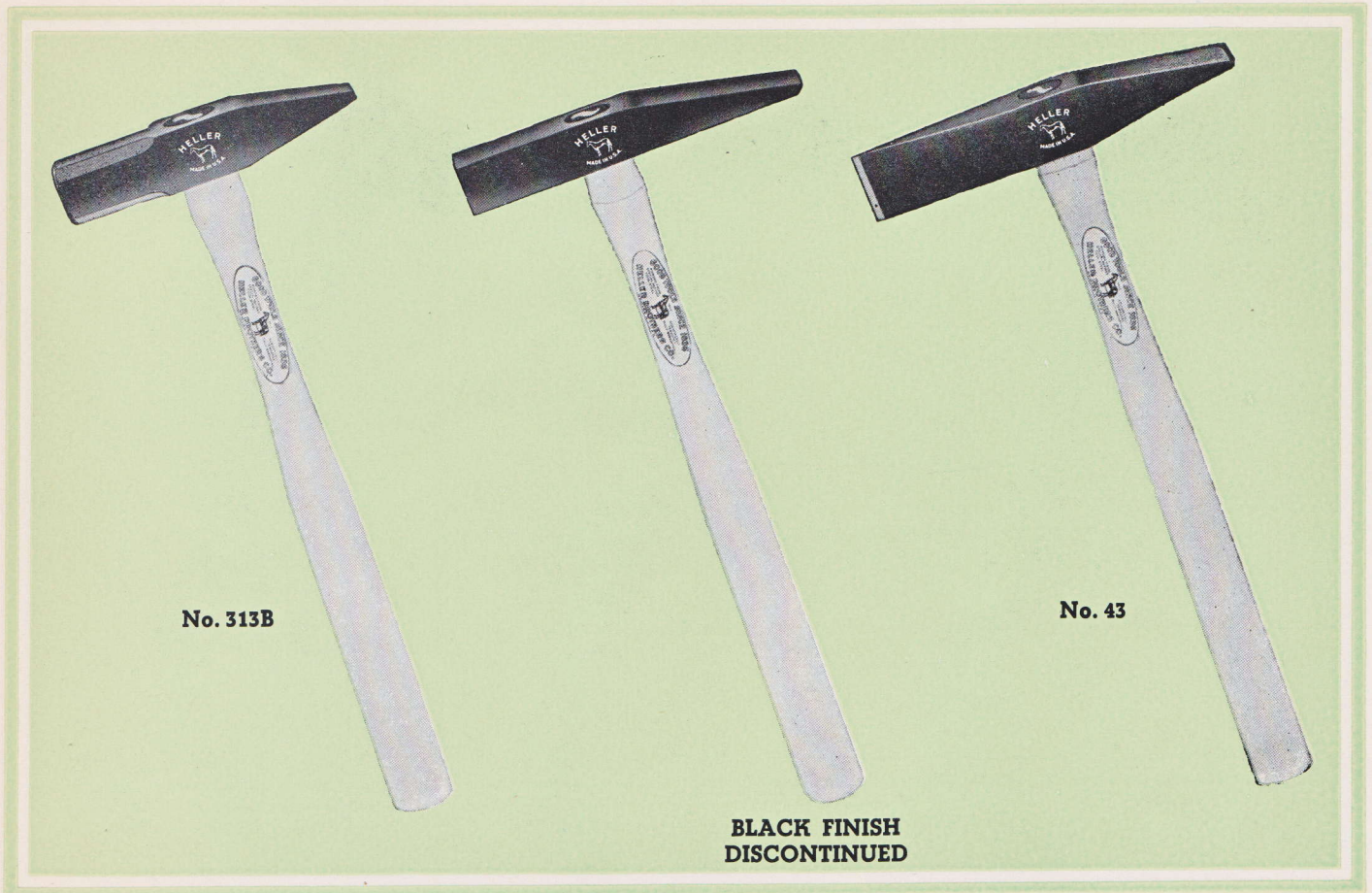
- WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE •
- All hammers are drop forged.

GOOD TOOLS



SINCE 1836





## HELLER TINNERS' HAMMERS

TINNERS' RIVETING, BLACK FINISH, POLISHED FACE

NO.	SIZE	POUNDS	PACKED
313B	3	1	$\frac{1}{2}$ doz. 8 $\frac{1}{2}$ lbs.

## HELLER SCALING HAMMER

BLACK FINISH

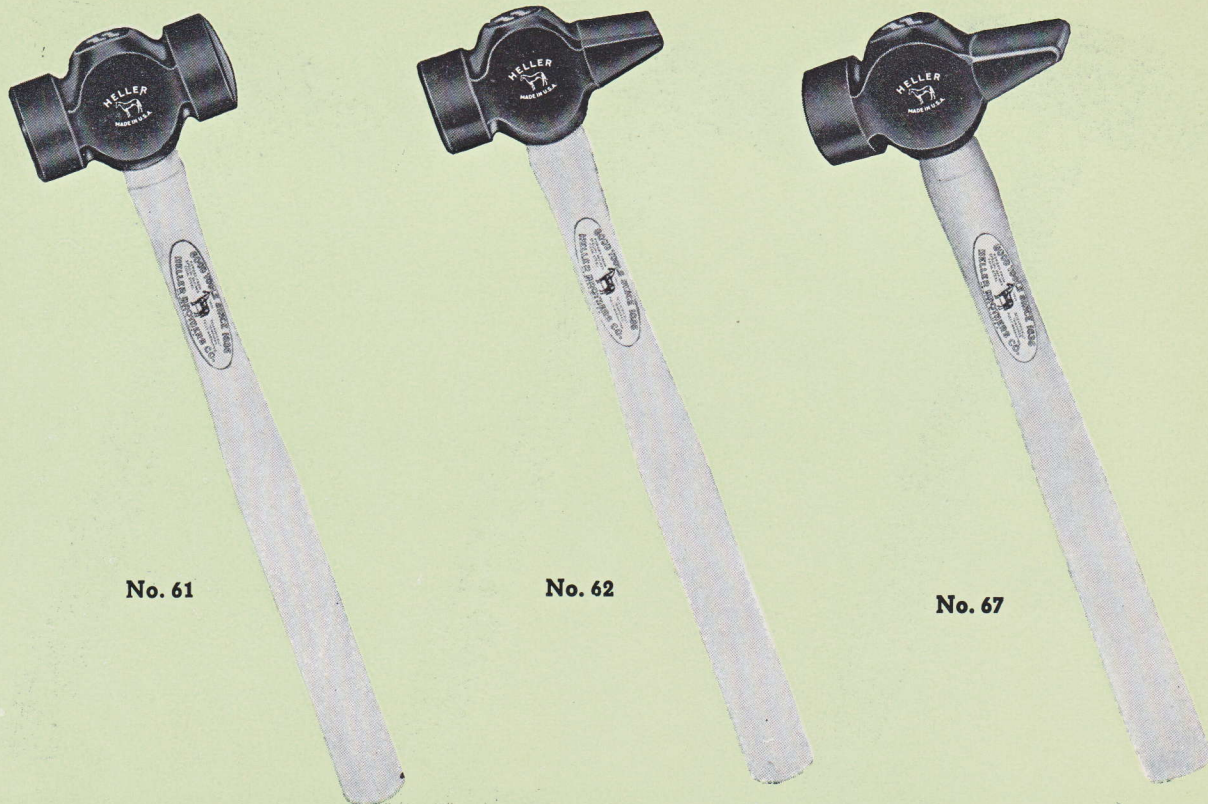
NO.	SIZE	POUNDS	PACKED
43	0	1	$\frac{1}{2}$ doz. 7 $\frac{1}{2}$ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

All hammers are properly hardened and tempered. Balanced correctly.







No. 61

No. 62

No. 67

### HELLER FARRIERS' HAMMERS

ROUNDING OR TURNING, BLACK FINISH, POLISHED FACE

NO.	POUNDS		PACKED
61	2½	½ doz.	12¼ lbs.

FITTING, BLACK FINISH, POLISHED FACE

NO.	POUNDS		PACKED
62	2½	½ doz.	11¾ lbs.

SHARPENING, BLACK FINISH, POLISHED FACE

NO.	POUNDS		PACKED
67	2½	¼ doz.	8 lbs.

SHARPENING, CORRUGATED PEIN, BLACK FINISH, POLISHED FACE

NO.	POUNDS		PACKED
68	2½	¼ doz.	8 lbs.

• WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE •

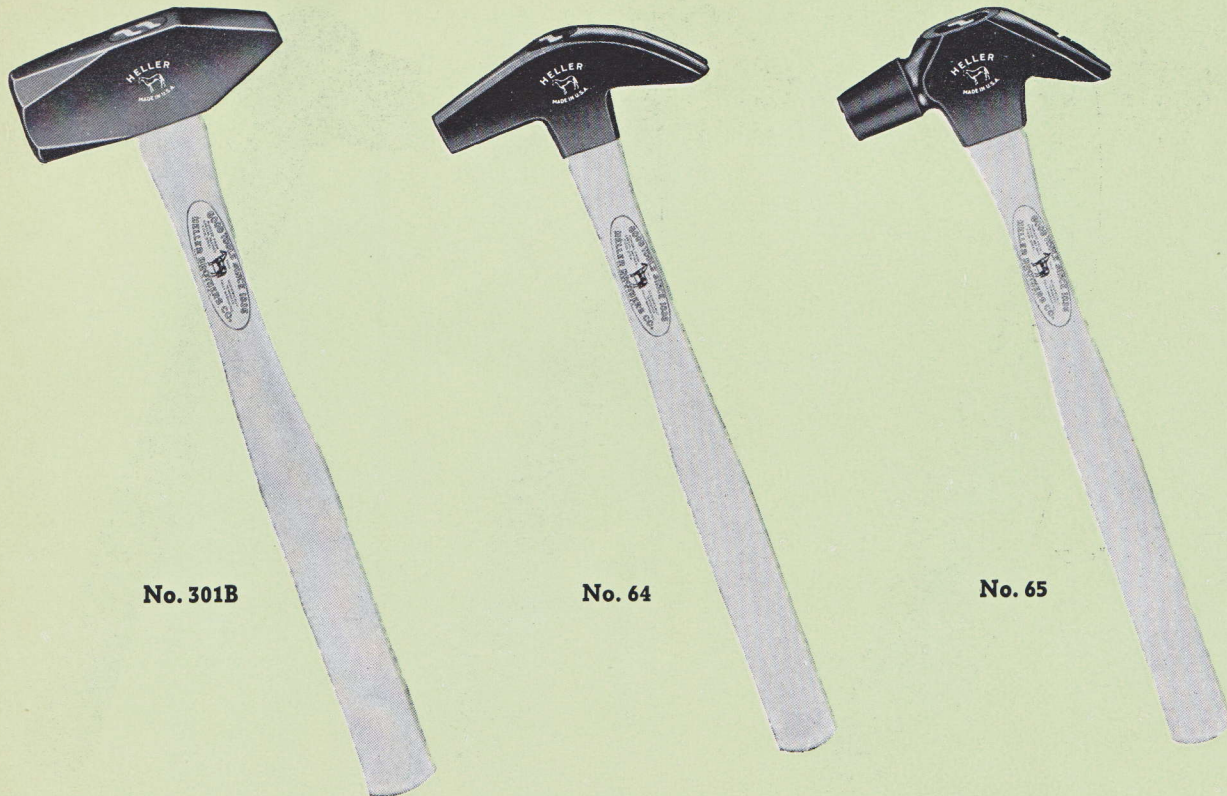
All Farriers' Hammers Made with Grade A Handles Only.

GOOD TOOLS



SINCE 1836





No. 301B

No. 64

No. 65

## HELLER BLACKSMITHS' AND FARRIERS' HAMMERS

BLACKSMITHS' HAND OR ENGINEERS, BLACK FINISH,  
POLISHED FACE AND PEIN

NO.	SIZE	POUNDS	PACKED	
300B	0	1½	⅓ doz.	9 lbs.
301B	1	2	⅓ doz.	10¼ lbs.
302B	2	2½	⅓ doz.	13 lbs.
303B	3	3	⅓ doz.	14¾ lbs.

● WEIGHTS GIVEN DO NOT INCLUDE WEIGHT OF HANDLE ●

## FARRIERS' HAMMERS

DRIVING, BLACK FINISH, POLISHED FACE

NO.	OUNCE	PACKED	
64	14	½ doz.	7½ lbs.

DRIVING, HELLER'S PATTERN, BLACK FINISH, POLISHED FACE

NO.	OUNCE	PACKED	
65	16	½ doz.	8¾ lbs.

DRIVING ("RACE-TRAK") FULL POLISHED

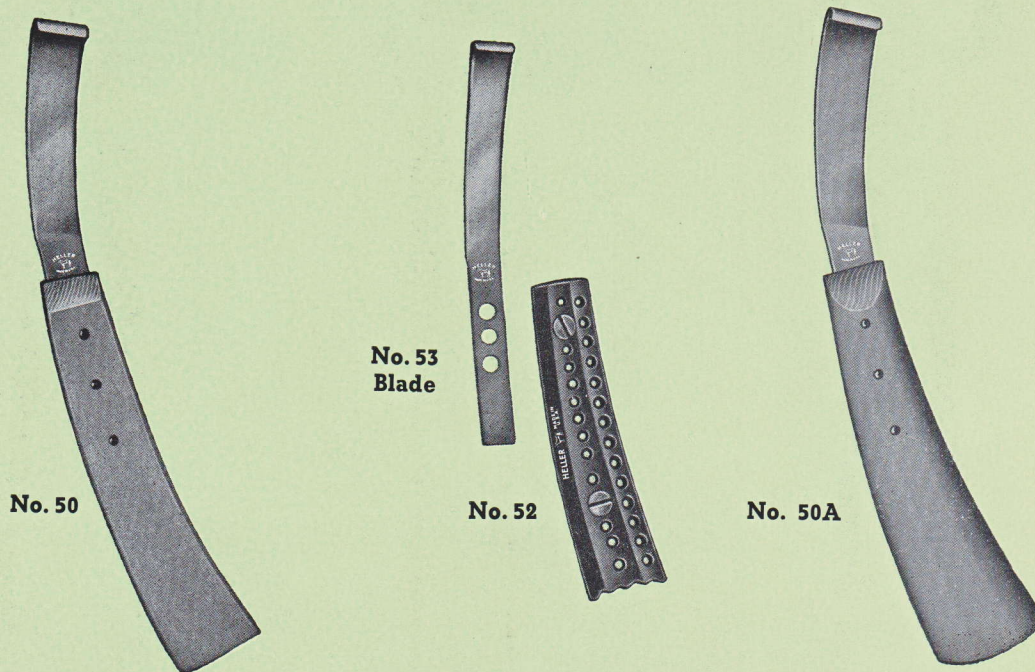
NO.	OUNCE	PACKED	
65	10	½ doz.	5 lbs.

● WEIGHTS GIVEN INCLUDE WEIGHT OF HANDLE ●

All hammers are drop forged with flash and scale removed.







## HELLER FARRIERS' KNIVES

### NO. 50 WOOD HANDLE KNIVES

SIZE	PACKED
1/4" Blades	1 doz. 2 1/4 lbs.
3/8" Blades	1 doz. 2 1/4 lbs.
1/2" Blades	1 doz. 2 1/2 lbs.
5/8" Blades	1 doz. 2 1/2 lbs.
3/4" Blades	1 doz. 2 3/4 lbs.
7/8" Blades	1 doz. 2 3/4 lbs.
1" Blades	1 doz. 2 3/4 lbs.

### NO. 52 ADJUSTABLE IRON HANDLE KNIVES

SIZE	PACKED
1/4" Blades	1 doz. 4 1/2 lbs.
3/8" Blades	1 doz. 4 1/2 lbs.
1/2" Blades	1 doz. 4 1/2 lbs.
5/8" Blades	1 doz. 4 1/2 lbs.
3/4" Blades	1 doz. 4 1/2 lbs.
7/8" Blades	1 doz. 4 1/2 lbs.
1" Blades	1 doz. 4 1/2 lbs.

### NO. 53 BLADES

SIZE	PACKED
1/4"	1 doz. 3/4 lb.
3/8"	1 doz. 1 lb.
1/2"	1 doz. 1 lb.
5/8"	1 doz. 1 lb.
3/4"	1 doz. 1 lb.
7/8"	1 doz. 1 1/8 lbs.
1"	1 doz. 1 1/8 lbs.

### NO. 50A ROUND WOOD HANDLE KNIVES

SIZE	PACKED
1/4" Blades	1 doz. 2 1/2 lbs.
3/8" Blades	1 doz. 2 1/2 lbs.
1/2" Blades	1 doz. 2 3/4 lbs.
5/8" Blades	1 doz. 2 3/4 lbs.
3/4" Blades	1 doz. 3 lbs.
7/8" Blades	1 doz. 3 1/8 lbs.
1" Blades	1 doz. 3 1/4 lbs.

Hardened and Tempered Steel Blades Set in Handles That Fit the Hand.







No. 20



No. 21



No. 48

## HELLER FARRIERS' AND CARPENTERS' PINCERS

### FARRIERS' PINCERS

NO.	SIZE	PACKED	
*20	14" J. I. C.	¼ doz.	9½ lbs.
21	12"	½ doz.	13¼ lbs.

With Jaws especially designed for removing Horseshoes.

\*Made with Ball-End Reins.

### CARPENTERS' PINCERS

NO.	SIZE	PACKED	
47	10"	½ doz.	9¼ lbs.
48	8"	½ doz.	5¼ lbs.
49	6"	½ doz.	1½ lbs.

With Hammer Jaws, Claws and Screw Driver





No. 24



No. 25



No. 23E



DISCONTINUED

## HELLER FARRIERS' NIPPERS

### CUTTING NIPPERS

NO.	SIZE	PACKED	
24	14"	½ doz.	16¾ lbs.
24A	12"	½ doz.	13¾ lbs.
24B	10"	½ doz.	7¾ lbs.
24C	8"	½ doz.	4¾ lbs.

Wide Steel Reins give Extra Strength and Rigidity.

### LIGHT CUTTING NIPPERS

NO.	SIZE	PACKED	
25	15"	½ doz.	15½ lbs.
26	13"	½ doz.	14 lbs.

Lightest for its Strength. Strongest for its Weight.

### EASY CUTTING NIPPERS

NO.	SIZE	PACKED	
23E	14"	1 only	3¼ lbs.

GOOD TOOLS



SINCE 1836



No. 23D

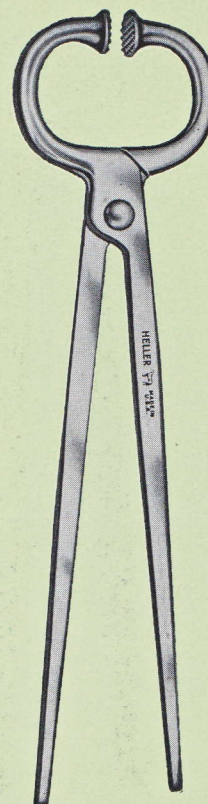


DISCONTINUED

No. 23



No. 27



## HELLER FARRIERS' PARERS AND HOOF TESTER

### EASY CUTTING HOOF PARER

NO.	SIZE	PACKED
23D	14"	1 only 3¼ lbs.

### HOOF PARERS

NO.	SIZE	PACKED
23	14"	½ doz. 13½ lbs.
23A	12"	½ doz. 12¼ lbs.

For trimming Horses' Hoofs.

### HOOF TESTER

NO.	SIZE	PACKED
+27	15"	½ doz. 10¾ lbs.

For testing Horses' Hoofs.

† Will discontinue size on depletion of stock.







No. 28



No. 29



No. 30

## HELLER FARRIERS' TOOLS

### CLINCHER

NO.	SIZE	PACKED	
28	14"	½ doz.	12 lbs.

For Clinching Horseshoe Nails.

### HORSE NAIL PULLER OR COTTER PIN PULLER

NO.	SIZE	PACKED	
29	10"	½ doz.	3½ lbs.

With Screw Driver and Lever End.

For Extracting Horseshoe Nails and Cotter Pins.

### PRITCHELS

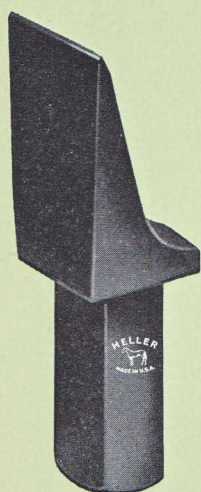
NO.	SIZE	PACKED	
30	12"	1 doz.	11¼ lbs.

Made from ⅝ inch Octagon Tool Steel.

For Clearing Nail Hole in Horseshoe.







No. 31



No. 32



No. 33



No. 33A

## HELLER FARRIERS' TOOLS

### FARRIERS' STRAIGHT HARDIES

NO.	SIZE		PACKED
31	7/8" Shanks	1/2 doz.	7 1/4 lbs.
	1" Shanks	1/2 doz.	7 1/2 lbs.
	1 1/8" Shanks	1/2 doz.	8 3/4 lbs.
	1 1/4" Shanks	1/2 doz.	11 lbs.

### FARRIERS' HALF ROUND HARDIES

NO.	SIZE		PACKED
32	7/8" Shanks	1/2 doz.	7 lbs.
	1" Shanks	1/2 doz.	7 1/2 lbs.
	1 1/8" Shanks	1/2 doz.	8 lbs.
	1 1/4" Shanks	1/2 doz.	10 lbs.

### CREASING FULLERS

NO.	SIZE		PACKED
33	7/8"	1 doz.	5 lbs.
	1"	1 doz.	5 lbs.
	1 1/8"	1 doz.	5 lbs.

### SCOTCH PATTERN CREASING FULLERS

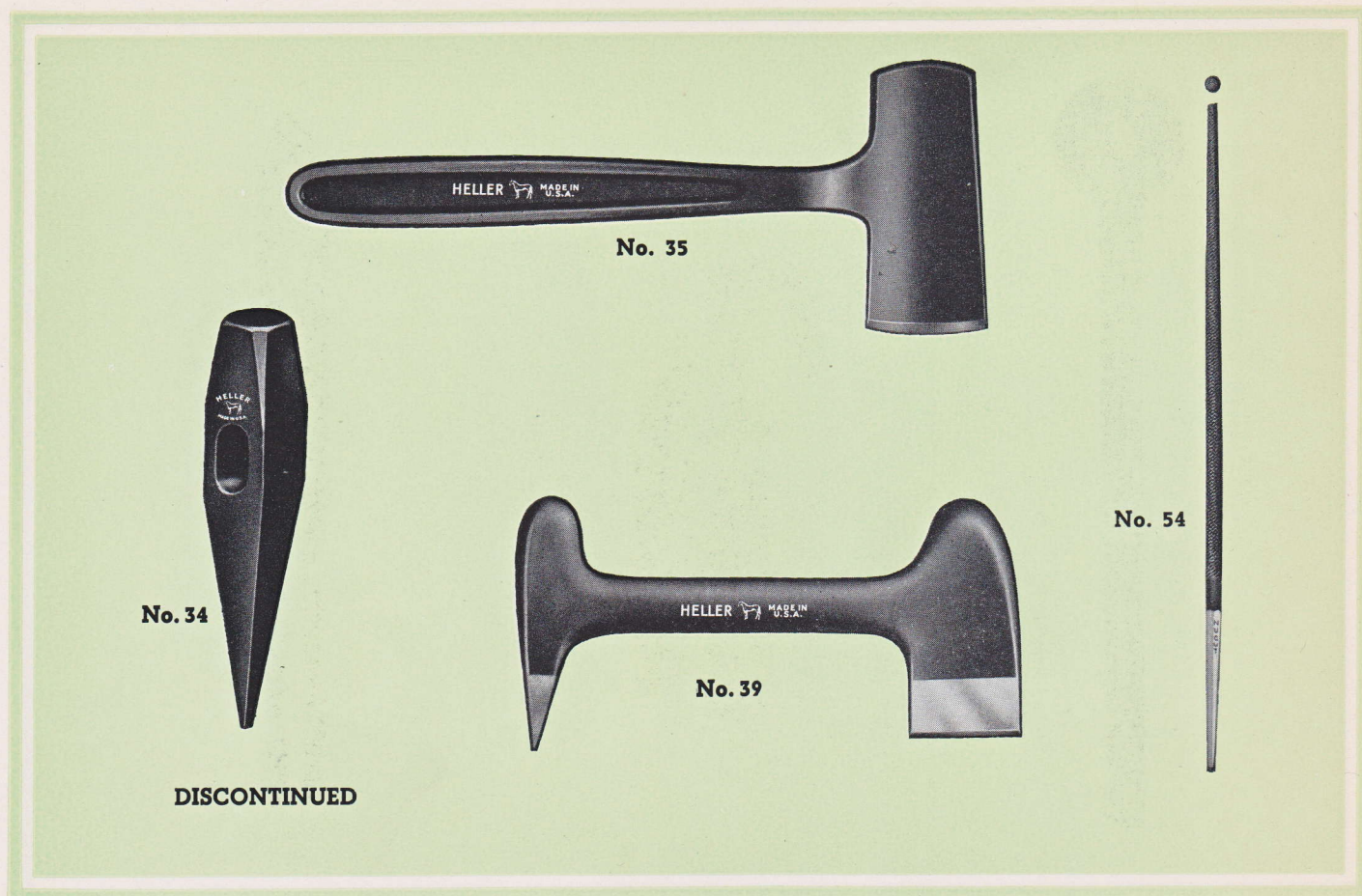
NO.	SIZE		PACKED
33A	† 1"	1/2 doz.	5 lbs.
	† 1 1/8"	1/2 doz.	5 lbs.
	† 1 1/4"	1/2 doz.	5 lbs.

For Trimming and Grooving Horseshoes.

† Will discontinue size on depletion of stock.







## HELLER FARRIERS' TOOLS

FORE PUNCH			
NO.	SIZE	PACKED	
34	4 1/4"	1 doz.	5 lbs.

For Clearing Nail Holes in Horseshoes.

SOLE KNIVES			
NO.	SIZE	PACKED	
35	8 to 8 1/2"	1 doz.	9 3/4 lbs.

For Trimming Horses' Hoofs.

BUFFER			
NO.	SIZE	PACKED	
39	6"	1 doz.	9 3/4 lbs.

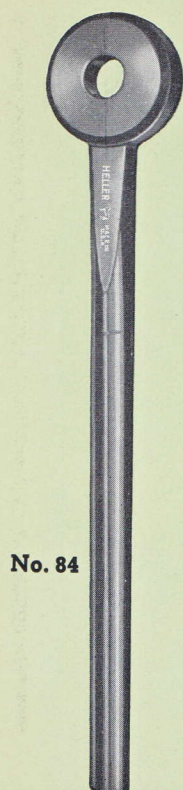
For Clearing Nail Holes in Horseshoes and Trimming Horses' Hoofs.

ROUND KNIFE FILE			
NO.	SIZE	PACKED	
54	4"	1 doz.	1/2 lb.

Made especially to sharpen the inner surface of the curved end of blade in Farriers' Knife.



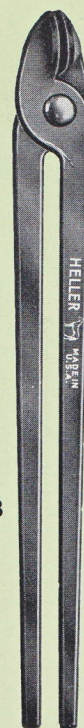




No. 84



No. 37



No. 70B

DISCONTINUED

## HELLER BLACKSMITHS' AND FARRIERS' TOOLS

## HEADING TOOLS — ROUND HOLE

NO.	SIZE	LENGTH	WEIGHT PER DOZ.
84	† 3/4"	18"	48 lbs.
	† 7/8"	18"	48 lbs.

For Holding Round Stock While Forging Head.

## FARRIERS' CLINCH IRON

NO.	SIZE	WEIGHT PER DOZ.
37	† 1 1/2" x 3/4" x 4 5/8"	15 lbs.

For Holding Horseshoe Nail in Position While Clinching.

## FARRIERS' TONGS

NO.	SIZE	WEIGHT PER DOZ.
70A	14"	20 1/4 lbs.
70B	16"	26 1/4 lbs.

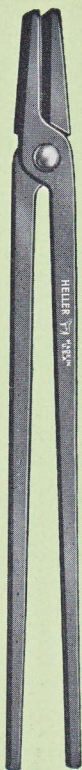
To Hold Horseshoes.

† Will discontinue size on depletion of stock.





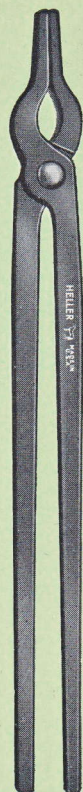
No. 71



No. 72C



No. 72SA



No. 73



## HELLER BLACKSMITHS' TONGS

### BLACKSMITHS' STRAIGHT LIP TONGS

NO.	SIZE	WEIGHT PER DOZ.
71B	16" x 0"	26 1/4 lbs.
71C	18" x 1/4"	27 lbs.
71D	20" x 1/2"	36 3/4 lbs.
71E	22" x 3/4"	39 3/4 lbs.
71F	24" x 1"	56 lbs.

Straight Lip for Holding Flats.

### BLACKSMITHS' DOUBLE PICK-UP TONGS

NO.	SIZE	WEIGHT PER DOZ.
72	18"	27 lbs.
72A	20"	28 lbs.
72B	22"	30 lbs.
72C	24"	32 1/2 lbs.

For Holding Flats or Rounds.

### BLACKSMITHS' SINGLE PICK-UP TONGS

NO.	SIZE	WEIGHT PER DOZ.
72R	18"	28 lbs.
72S	20"	29 lbs.
72SP	22"	30 lbs.
72SA	24"	32 1/2 lbs.

For Holding Heavy Flats or Rounds.

### BLACKSMITHS' "V" SHAPED TONGS

NO.	SIZE	WEIGHT PER DOZ.
73B	18" x 1/4"	26 1/4 lbs.
73C	20" x 1/2"	36 lbs.
73D	22" x 3/4"	39 3/4 lbs.
73E	24" x 1"	52 3/4 lbs.
73F	26" x 1 1/4"	57 3/4 lbs.

For Holding Squares.







No. 74



No. 75



No. 76C



No. 77C

## HELLER BLACKSMITHS' TONGS

### BLACKSMITHS' CURVED LIP FLUTED JAW TONGS

NO.	SIZE	WEIGHT PER DOZ.
74	18" x $\frac{1}{4}$ "	30 lbs.
74A	20" x $\frac{1}{2}$ "	40½ lbs.
74B	22" x $\frac{3}{4}$ "	45 lbs.
74C	24" x 1"	53¼ lbs.
74D	26" x 1½"	78¼ lbs.

For Holding Bolts or Rounds.

### BLACKSMITHS' BRAZING TONGS

NO.	SIZE	WEIGHT PER DOZ.
75	18"	41¼ lbs.

For Holding Band Saws.

### BLACKSMITHS' GAD TONGS

NO.	SIZE	WEIGHT PER DOZ.
76C	24"	54 lbs.

For General Forging Purposes.

### BLACKSMITHS' RIVET TONGS

NO.	SIZE	WEIGHT PER DOZ.
77	18"	25½ lbs.
77A	20"	26½ lbs.
77B	22"	30½ lbs.
77C	24"	33 lbs.

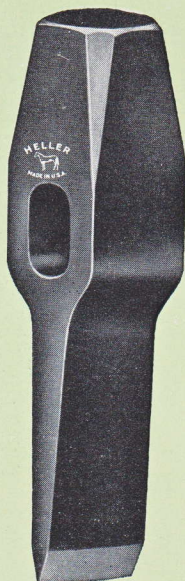
For Handling Hot Rivets.



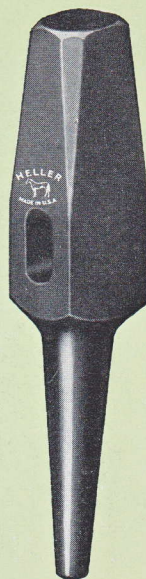




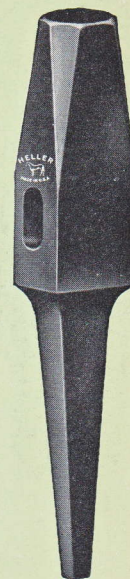
No. 95



No. 96



No. 98



No. 99

## HELLER BLACKSMITHS' ANVIL TOOLS

### BLACKSMITHS' COLD CHISELS

NO.	CUTTING EDGE INCHES	SIZE OF STOCK INCHES	LENGTH INCHES	WEIGHT PER DOZ.
95	1 1/4	1 1/4	6	24 lbs.
	1 1/2	1 1/2	7	36 lbs.
	1 3/4	1 3/4	8	60 lbs.

For Nicking and Breaking Cold Steel

### BLACKSMITHS' HOT CHISELS

NO.	CUTTING EDGE INCHES	SIZE OF STOCK INCHES	LENGTH INCHES	WEIGHT PER DOZ.
96	1 1/2	1 1/4	7 3/8	24 lbs.
	2	1 1/2	8 1/4	36 lbs.
	2 1/4	1 3/4	9 3/4	60 lbs.

For Cutting Hot Steel

### BLACKSMITHS' ROUND PUNCHES

NO.	SIZE OF FACE	WEIGHT PER DOZ.
98	1/4"	18 lbs.
	3/8"	21 lbs.
	1/2"	24 lbs.
	5/8"	27 lbs.
	3/4"	30 lbs.
	7/8"	36 lbs.
	1"	39 lbs.

For Clearing and Enlarging Round Holes.

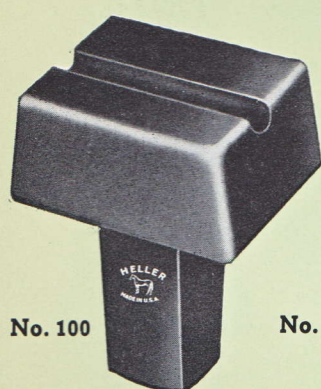
### BLACKSMITHS' SQUARE PUNCHES

NO.	SIZE OF FACE	WEIGHT PER DOZ.
99	1/4"	21 lbs.
	3/8"	25 lbs.
	1/2"	27 lbs.
	5/8"	30 lbs.
	3/4"	33 lbs.
	7/8"	38 lbs.
	1"	42 lbs.

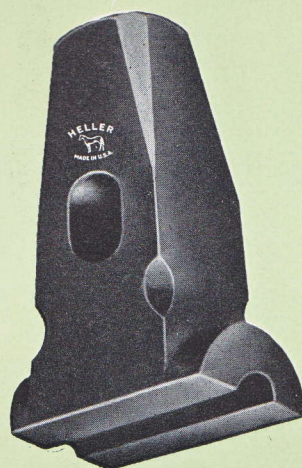
For Clearing and Enlarging Square Holes.







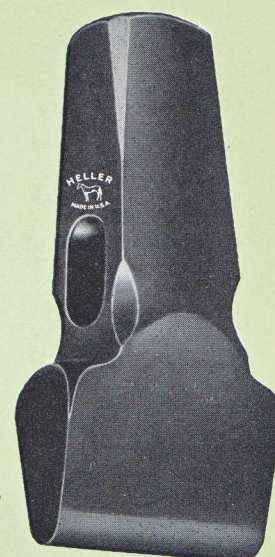
No. 100



No. 101



No. 102



No. 103

## HELLER BLACKSMITHS' ANVIL TOOLS

### BOTTOM SWAGES

NO.	Size	Weight Per Doz.
100	1/4"	24 lbs.
	3/8"	26 lbs.
	1/2"	27 lbs.
	5/8"	29 lbs.
	3/4"	30 lbs.
	7/8"	34 lbs.
	1"	36 lbs.
	1 1/4"	36 lbs.
	1 1/2"	42 lbs.
	1 3/4"	48 lbs.
	2"	51 lbs.

Shanks for 1-inch Anvil Hole.  
For Reducing and Smoothing Round Forgings.

### BOTTOM FULLERS

NO.	Size	Weight Per Doz.
102	1/4"	24 lbs.
	1/2"	30 lbs.
	3/4"	33 lbs.
	1"	36 lbs.
	1 1/4"	39 lbs.
	1 1/2"	42 lbs.
	2"	57 lbs.

Shanks for 1-inch Anvil Hole.  
For Shaping and Grooving Forgings.

### TOP SWAGES

NO.	Size	Weight Per Doz.
101	1/4"	27 lbs.
	3/8"	27 lbs.
	1/2"	27 lbs.
	5/8"	34 lbs.
	3/4"	36 lbs.
	7/8"	37 lbs.
	1"	39 lbs.
	1 1/4"	42 lbs.
	1 1/2"	48 lbs.
	1 3/4"	52 lbs.
	2"	54 lbs.

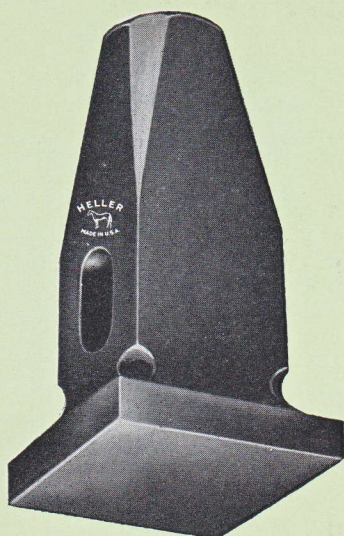
### TOP FULLERS

NO.	Size	Weight Per Doz.
103	1/4"	27 lbs.
	1/2"	30 lbs.
	3/4"	33 lbs.
	1"	36 lbs.
	1 1/4"	39 lbs.
	1 1/2"	42 lbs.
	2"	54 lbs.

For Shaping and Grooving Forgings.



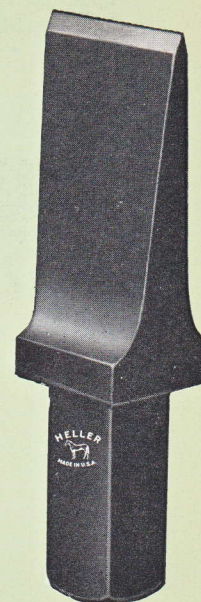




No. 104



No. 105



No. 97

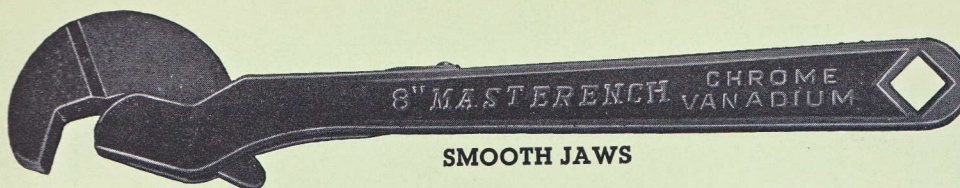
## HELLER BLACKSMITHS' ANVIL TOOLS

NO. 104 SQUARE FLATTERS	{	SIZE	WEIGHT PER DOZ.	For Flattening and Fin- ishing Heavy Metals.
		2"	30 lbs.	
		2½"	42 lbs.	
		3"	60 lbs.	
		4"	78 lbs.	
NO. 105 SET HAMMERS	{	SIZE	WEIGHT PER DOZ.	For Setting Down and Squaring Corners of Heavy Metals.
		1"	14¼ lbs.	
		1¼"	18 lbs.	
		1½"	24 lbs.	
NO. 97 BLACKSMITHS' STRAIGHT HARDIES	{	Size of Shanks	Weight Per Doz.	For Cutting Off Hot Metal and Trimming Forgings.
		5/8"	10 lbs.	
		3/4"	15 lbs.	
		7/8"	22 lbs.	
		1"	24 lbs.	
		1½"	30 lbs.	
		1¼"	36 lbs.	

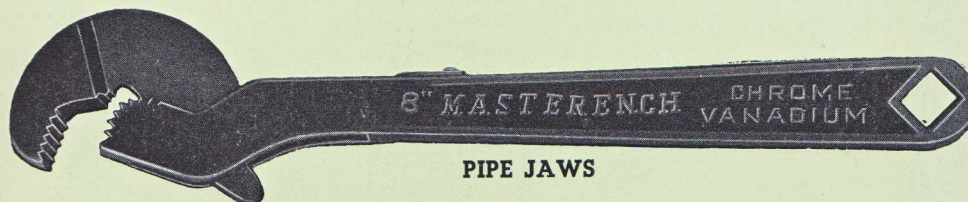




## Also Made in Polished Finish



SMOOTH JAWS



PIPE JAWS



PIPE JAWS

## HELLER MASTERENCHES

### ITS VISELIKE GRIP WILL NEVER SLIP

The *Masterench* takes hold of any nut or pipe instantly *without adjustment*. It is always ready for use. A simple ratchet action makes the *Masterench* self-adjustable.

All parts are *Drop Forged* from the highest quality Steel especially heat treated. Every forging is accurately milled and put through a die to assure absolute uniformity.

### MASTERENCHES—Smooth Jaws for Nuts and Bolts

Length	Capacity Inches	Packed	
6"	$\frac{5}{16}$ to $\frac{11}{16}$	$\frac{1}{2}$ doz.	1 $\frac{3}{4}$ lbs.
8"	$\frac{1}{2}$ to $1\frac{1}{16}$	$\frac{1}{2}$ doz.	3 $\frac{3}{4}$ lbs.
10"	$\frac{9}{16}$ to $1\frac{1}{4}$	$\frac{1}{2}$ doz.	6 lbs.
14"	$\frac{7}{8}$ to $1\frac{13}{16}$	1 only	2 $\frac{3}{4}$ lbs.
18"	$1\frac{1}{8}$ to $2\frac{1}{2}$	1 only	4 $\frac{1}{4}$ lbs.

Made in Black and Polished Finish.

### MASTERENCHES—Pipe Jaws with Teeth for Use on Pipes

Length	Capacity Takes Pipe	Capacity Inches	Packed	
*6"	$\frac{1}{8}$ to $\frac{3}{8}$	$\frac{5}{16}$ to $\frac{11}{16}$	$\frac{1}{2}$ doz.	1 $\frac{3}{4}$ lbs.
8"	$\frac{1}{4}$ to $\frac{3}{4}$	$\frac{1}{2}$ to $1\frac{1}{16}$	$\frac{1}{2}$ doz.	3 $\frac{3}{4}$ lbs.
10"	$\frac{3}{8}$ to 1	$\frac{9}{16}$ to $1\frac{1}{4}$	$\frac{1}{2}$ doz.	6 lbs.
14"	$\frac{1}{2}$ to $1\frac{1}{2}$	$\frac{7}{8}$ to $1\frac{13}{16}$	1 only	2 $\frac{3}{4}$ lbs.
18"	$\frac{3}{4}$ to 2	$1\frac{1}{8}$ to $2\frac{1}{2}$	1 only	4 $\frac{1}{4}$ lbs.

Made in Black and Polished Finish.

\*This 6" Masterench is recommended for Battery Work.





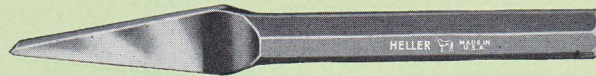
No. 90



No. 85



No. 86



No. 87



No. 88



## HELLER HAND CHISELS

## NO. 90—BULL POINT CHISELS

Size	Packed per 1/2 Doz.
12 x 7/8"	12 lbs.
15 x 1"	20 lbs.
24 x 1 1/4"	52 lbs.

## NO. 85—HAND COLD CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
1/4"	5/16"	5	1 lb.
5/16"	3/8"	5	1 1/4 lbs.
3/8"	7/16"	5 1/2	2 lbs.
7/16"	1/2"	6	3 lbs.
1/2"	5/8"	6	4 lbs.
5/8"	3/4"	6 1/2	6 3/4 lbs.
3/4"	7/8"	7 1/2	10 3/4 lbs.
7/8"	1"	8	15 1/2 lbs.
1"	1 1/8"	8 1/2	22 1/2 lbs.

Sold by Size of Stock

## NO. 85—HAND COLD CHISELS

Size of Stock	Width of Bit	Extra Length Inches	Packed per 1/2 Doz.
1/2"	5/8"	12	4 1/4 lbs.
5/8"	3/4"	12	6 1/2 lbs.
3/4"	7/8"	12	7 3/4 lbs.
7/8"	1"	12	12 1/2 lbs.
1"	1 1/8"	12	15 3/4 lbs.
3/4"	7/8"	18	13 3/4 lbs.
7/8"	1"	18	18 lbs.
1"	1 1/8"	18	24 1/2 lbs.
7/8"	1"	24	24 1/2 lbs.
1"	1 1/8"	24	32 1/2 lbs.

Sold by Size of Stock

## NO. 86—CAPE CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
1/4"	1/8"	5	1 lb.
3/8"	3/16"	5	1 3/4 lbs.
1/2"	1/4"	6	3 1/4 lbs.
1/2"	5/16"	7	4 lbs.
5/8"	3/8"	7	6 lbs.
3/4"	1/2"	7 1/2	9 3/4 lbs.
7/8"	5/8"	8	14 1/2 lbs.
1"	3/4"	8 1/2	18 1/2 lbs.

Sold by Size of Bit

## NO. 87—ROUND NOSE CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
3/8"	3/16"	5 1/4	2 lbs.
1/2"	1/4"	6	3 1/2 lbs.
1/2"	5/16"	7	4 1/2 lbs.
5/8"	3/8"	7	6 1/2 lbs.
3/4"	1/2"	7 1/2	9 3/4 lbs.
7/8"	5/8"	8	14 1/2 lbs.
1"	3/4"	8 1/2	18 1/2 lbs.

Sold by Size of Bit

## NO. 88—DIAMOND POINT CHISELS

Size of Stock	Width of Bit	Length Inches	Packed Per Doz.
1/2"	1/4"	6	5 lbs.
1/2"	5/16"	7	5 lbs.
5/8"	3/8"	7	6 1/2 lbs.
3/4"	1/2"	7 1/2	10 1/2 lbs.
7/8"	5/8"	8	15 1/4 lbs.
1"	3/4"	8 1/2	22 lbs.

Sold by Size of Bit





No. 89



No. 422



No. 432



No. 444



No. 450



## HELLER HAND PUNCHES

### DRIFT PUNCHES OR LINING UP BARS

NO.	Size Inches	Packed Per Doz.
420	5 x 1/4 x 1/8	3/4 lb.
421	6 x 5/16 x 1/8	1 1/4 lbs.
422	8 x 3/8 x 3/16	2 1/2 lbs.
423	9 x 1/2 x 1/4	4 3/4 lbs.
424	11 x 5/8 x 5/16	9 1/4 lbs.
425	16 x 5/8 x 5/16	14 3/4 lbs.

For Lining Up Parts of Machines.

### RIVET PUNCHES

NO.	Size Inches	Packed Per Doz.
430	4 x 5/16 x 1/8	1 lb.
431	5 x 3/8 x 1/8	1 3/4 lbs.
432	6 x 1/2 x 3/16	3 3/4 lbs.
433	7 x 5/8 x 1/4	5 3/4 lbs.
434	11 x 5/8 x 1/4	10 1/4 lbs.

For Heavy Work.

### PIN PUNCHES

NO.	Size Pt.	Size of Stk.	Length Inches	Packed per Doz.
440	3/32	1/4"	4 3/16	1/2 lb.
441	1/8	5/16"	4 3/4	1 lb.
442	5/32	3/8"	5 1/4	1 1/2 lbs.
443	3/16	7/16"	5 5/8	2 lbs.
444	1/4	1/2"	6 5/16	2 3/4 lbs.
445	5/16	1/2"	6 5/8	3 1/4 lbs.

For Driving Out Pins.

Box of six assorted Pin Punches  
Nos. 440 to 445 incl.  
Weight 1 lb.

### HAND PUNCHES

NO.	Size of Stock	Width of Bit	Length	Packed Per Doz.
89	1/4	1/32	5"	3/4 lb.
	1/4	1/16	5 1/2"	1 lb.
	3/8	1/8	7 1/2"	2 3/4 lbs.
	1/2	3/16	8"	4 3/4 lbs.
	5/8	1/4	8 1/2"	7 3/4 lbs.
	5/8	5/16	9"	11 1/4 lbs.

For Driving Out Bolts and Rivets.

### CENTER PUNCHES

NO.	Length	Size of Stock	Packed Per Doz.
450	4"	5/16	1 lb.
451	5"	3/8	1 3/4 lbs.
452	5 1/2"	1/2	3 lbs.
453	6"	5/8	4 3/4 lbs.

For Marking Metal, so that Drill  
Will Start in Right Place.





# I N D E X

## BLACKSMITHS' AND FARRIERS' TOOLS

	Page
Buffer .....	20
Clincher .....	18
Clinch Iron .....	21
Creasing Fullers, Farriers' .....	19
Creasing Fullers, Scotch Pattern, Farriers .....	19
Chisels, Blacksmiths' Cold .....	24
Chisels, Blacksmiths' Hot .....	24
Flatters, Square .....	26
Fullers, Bottom .....	25
Fullers, Top .....	25
Hardies, Blacksmiths' Straight .....	26
Hardies, Farriers' Half Round .....	19
Hardies, Farriers' Straight .....	19
Heading Tools .....	21
Hoof Tester .....	17
Knife Blades .....	14
Knife Files .....	20
Knives, Iron Handle .....	14
Knives, Wood Handle .....	14
Knives, Round Wood Handle .....	14
Knife, Sole .....	20
Nail Puller .....	18
Nippers, Cutting .....	16
Nippers, Easy Cutting .....	16
Nippers, Light Cutting .....	16
Parers, Hoof .....	17
Parer, Hoof Easy Cutting .....	17
Pincers, Farriers' .....	15
Pritchel, Farriers' .....	18
Punch, Blacksmiths' Hand .....	29
Punches, Blacksmiths' Round .....	24
Punches, Blacksmiths' Square .....	24
Punch, Fore .....	20
Set Hammers .....	26
Sole Knife .....	20
Swages, Bottom .....	25
Swages, Top .....	25

## TONGS

Brazing .....	23
Curved Lip .....	23
Double Pick-Up .....	22
Single Pick-Up .....	22
Farriers' .....	21
Gad .....	23
Rivet .....	23
Straight Lip .....	22
V Shape .....	22



# INDEX

## CHISELS

	Page
Blacksmiths' Cold .....	24
Blacksmiths' Hot .....	24
Bull Point .....	28
Cape .....	28
Diamond Point .....	28
Hand Cold .....	28
Hand Cold (Extra Length) .....	28
Round Nose .....	28

## GENERAL TOOLS

Cotter Pin Puller .....	18
Nippers, Cutting .....	16
Nipper, Cutting Easy .....	16
Nippers, Cutting Light .....	16
Pincers, Carpenters' .....	15

## HAMMERS

Ball Pein, Machinists' .....	6-10
Cross Pein, Machinists' .....	6-10
Driving Farriers' .....	13
Driving, (Heller Pattern) Farriers' .....	13
Driving, ("Race-Trak") Farriers' .....	13
Engineers' .....	7-13
Fitting .....	12
Hand Blacksmiths' .....	7-13
Nail, Bell Face Carpenters' .....	4-8
Nail, Bell Face (Milled Face) .....	4-8
Nail, Plain Face Carpenters' .....	5-9
Paneing Tinnners' .....	11
Ripping Bell Face, Carpenters' .....	5-9
Ripping Bell Face (Milled Face) .....	5-9
Riveting Tinnners' .....	7-11
Rounding or Turning .....	12
Scaling .....	11
Sharpening, Farriers' .....	12
Sharpening Corrugated, Farriers' .....	12
Straight Pein, Machinists' .....	6-10

## PUNCHES

Blacksmiths' Round .....	24
Blacksmiths' Square .....	24
Center .....	29
Drift or Lining Up Bars .....	29
Fore, Farriers' .....	20
Hand .....	29
Pin .....	29
Rivet .....	29

## WRENCHES

Masterench—Smooth Jaw .....	27
Masterench—Pipe Jaw—With Teeth—(for pipes) .....	27
Masterench—Pipe Jaw—With Teeth—(for batteries) .....	27
Masterench—Pipe Jaw—With Teeth—Close Jaw (for studs) .....	27



# HELLER BROTHERS COMPANY

also manufacturers of

## AMERICAN PATTERN FILES

### \*NUCUT WAVY TEETH FILES

## SWISS PATTERN FILES

## HELLER ROTARY FILES

## HELLER VIXEN MILLED CURVED TOOTH FILES

### RASPS

---

\*The NUCUT "WAVY TEETH" FILE represents the first genuine advance in File design in many years. NUCUT "WAVY TEETH" FILES consist of a combination of staggered coarse and fine teeth which accounts for the superior performance of the NUCUT "WAVY TEETH" FILE.

---

### STEEL

OIL HARDENING

WATER HARDENING

HI CARBON HI CHROME

S.A.E. ALLOYS & CARBON

NON TEMPERING

HOLLOW DRILL

ALLOY CHISEL

HIGH SPEED

ALLOY DIE

HOT WORK

BARS, BLOCKS, DISCS, RINGS, HUBS, SPINDLES, SLEEVES, SHAPE FORGINGS, ETC.

A COMPLETE STOCK OF HIGH CARBON OCTAGONS, HEXAGONS,

ROUNDS & SQUARES AVAILABLE FOR IMMEDIATE SHIPMENT

---

CATALOGS AND PRICES UPON APPLICATION

FOR COMPLETE EXPORT INFORMATION, ADDRESS OUR EXPORT DEPARTMENT







